Control Series—Published Quarterly August Issue, 1928—No. 128

Commercial Fertilizers

This publication is intended to furnish buyers of fertilizers with information of value concerning their purchases and at the same time render to the people an accounting of the duties performed by the Fertilizer Inspection Service.

STATE FERTILIZER INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

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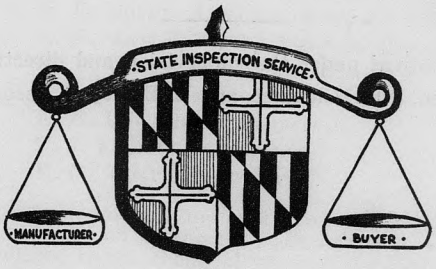

STATE FERTILIZER INSPECTION SERVICE
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COMMERCIAL FERTILIZERS

JANUARY 1, 1928—AUGUST 1, 1928

Compiled and edited under the supervision and direction of Neil E. Gordon, State Chemist, and L. E. Bopst, Associate.

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The inspection, analysis and control of work of the feed, fertilizer and lime trade is carried on by the State Department, but the State Department is so related to the chemical work of the University that the other men of the Chemical Staff who are mentioned below may be called on for help in time of need; and, furthermore, it is the purpose of the majority of this Chemical Staff to be carrying on some investigations which bear directly or indirectly on the properties of fertilizer, feed and lime.

CHEMICAL STAFF

N. E. GORDON, Ph.D., *Head of Chemistry Department.*

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R. C. WILEY, M.S., *Asso. Prof.*

INTRODUCTION

This publication is issued with a dual purpose in view. Primarily it is intended to furnish buyers of commercial fertilizers with information which may be of value as a guide in prospective purchases. Secondarily it renders to the people of Maryland an accounting of the duties performed by the Fertilizer Inspection Department in accordance with the Fertilizer Law as enacted by the State Legislature of 1922. Briefly stated, the requirements of the Law are that any fertilizer offered or exposed for sale in Maryland shall be registered with this Department and shall bear on its containers, or attached thereto, a statement of net weight of the package, brand name or trade mark, the grade, the minimum percentages of nitrogen and/or its equivalent to ammonia, water soluble nitrogen and/or its equivalent to ammonia, available phosphoric acid, water soluble potash and the name and address of the manufacturer or party responsible for its sale. Penalties for misbranding and adulteration are prescribed and provision is made for the recovery of damages by defrauded purchasers.

In the discharge of its duties the Department is actuated by an earnest desire to safeguard buyers against deception and honest manufacturers and dealers against unfair competition, without in any way obstructing the processes of legitimate trade or subjecting participants therein to unnecessary annoyance. Whenever it is possible to carry out the requirements of the Law by acting in a co-operative capacity, it does so in preference to resorting to court action, although in some cases the latter has been found necessary.

Official sampling agents during the spring season of 1928, secured from dealers, or in transit, 880 samples of commercial fertilizers covered by approximately 1093 registrations. For the purpose of discussion these samples may be classified as follows:

Six hundred and sixty-four complete fertilizers, containing ammonia, phosphoric acid and potash; 32 superphosphate and potash fertilizers, supplying available phosphoric acid and water soluble potash; 60 samples of superphosphate, furnishing available phosphoric acid; 18 ground bone fertilizers, warranted for ammonia and total phosphoric acid; 12 ammonia and phosphoric acid fertilizers and the last group termed "miscellaneous," into which were placed 94 samples of tankage, sulphate of ammonia, nitrate of soda, kainit, and muriate of potash, etc.

Maryland Tonnage Information

At the close of each calendar year fertilizer manufacturers are required by law to submit a sworn statement as to the number of tons of each brand sold. From these individual tonnage reports the Department prepares, in tabulated form, information concerning the amounts and the different kinds of goods marketed in this State for the previous year. This information is hereby offered readers of this publication.

MARYLAND FERTILIZER FACTS FOR 1927

Number of firms Registered	103
Number of brands Registered	1034
Number of analyses Registered	160
Number of complete fertilizers	119
Number of ammonia and Phosphoric acid mixtures	4
Number of phosphoric acid and potash mixtures	15

Total tonnage	165,173.67
Complete fertilizer tonnage	116,859.31
Ammonia and phosphoric acid tonnage	410.73
Phosphoric acid and potash tonnage	17,486.90
16% acid phosphate tonnage	15,377.00
Miscellaneous	15,039.73
Tonnage of out of State firms	8,367.50

Mixed Fertilizers Containing 14 or More Units of Plant Food

Complete fertilizers	108,919.52
Ammonia and phosphoric acid mixtures	214.73
Phosphoric acid and potash mixtures	17,223.65
Total	126,357.90

FIFTEEN BRANDS SHOWING LARGEST TONNAGE 1927

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
2-8-5	15	28,406.56	2-12-4	18	3,790.21
0-16-0	16	15,377.00	Kainit	--	2,761.11
0-12-5	17	13,990.97	2-9-3	14	2,710.16
5-8-5	18	10,549.57	2-12-2	16	2,709.83
1-9-4	14	10,224.26	4-8-7	19	2,460.93
7-6-5	18	9,584.68	2-9-2	13	2,368.00
4-8-4	16	4,973.08	1-10-5	16	2,142.40
2-8-10	20	4,050.50			

TONNAGE OF MARYLAND STANDARD TWELVE

Analysis	Units of Plant Food	Tons Sold	Analysis	Units of Plant Food	Tons Sold
5-8-5	18	10,549.57	0-12-6	18	917.90
7-6-5	18	9,584.68	0-10-4	14	311.83
4-8-4	16	4,973.08	10-5-0	15	138.73
2-12-4	18	3,790.21	6-8-4	18	64.00
2-12-2	16	2,709.83	4-12-0	16	00.00
3-8-3	14	1,020.20			
3-10-6	19	1,004.30	Total Tonnage Sold		35,064.33

TONNAGE REPORT OF THE VARIOUS GRADES OF FERTILIZERS USED IN MARYLAND IN 1927

Guaranteed	Tons	Guaranteed	Tons
½-9-4	386.5	2-8-3	368.
½-10-4	136.	2-8-4	120.
1-6½-1½	53.5	2-8-5	28406.56
1-8-1	117.	2-8-6	249.41
1-8-3	73.75	2-8-7	230.1
1-8-4	1668.81	2-8-8	89.7
1-8-5	135.	2-8-10	4050.5
1-8-6	201.75	2-8½-2	8.
1-9-3	1112.	2-9-2	2368.
1-9-4	10224.26	2-9-3	2710.16
1-9-5	85.	2-9-5	2003.05
1-10-2	789.	2-9-6	121.25
1-10-3	1467.	2-10-2	69.
1-10-4	665.	2-10-4	177.5
1-10-5	2142.4	2-10-5	826.6
1-11-2	100.	2-10-6	85.
1-11-4	588.5	2-10-7	96.
1-11-5	371.75	2-12-2	2709.83
1-12-4	2.	2-12-3	93.
1-12-5	115.	3-12-5	327.
1-14-5	38.8	3.65-5-3	1.25
1¼-9-1½	36.	4-7-1	15.
1¼-9-2	20.	4-8-3	2.25
1¼-9-3	151.	4-6-5	158.
1¼-9-4	183.	4-8-4	4973.08
1¼-10-2	410.	4-8-5	1464.8
2-12-4	3790.21	4-8-6	465.5
2-12-5	402.2	4-8-7	2460.93
2-12-6	977.	4-8-8	91.6
2-12-8	57.	4-8-10	391.
2-16-4	43.	4-8-12	4.
2-16-8	1150.4	4-12-4	212.8
2¼-10-4	150.	4-16-4	561.3
2½-8-4	32.	4-16-6	131.08
2½-10-1½	7.	4-16-10	4.5
2½-10-4	5.	4½-8-2	88.7
2½-20-5	7.	5-6-5	120.
3-0-5	46.28	5-7-3	47.5
3-6-6	9.	5-7-5	709.
3-6-8	88.	5-7-7	6.
3-8-3	1020.2	5-8-3	1.
3-8-4	246.5	5-8-3½	1.
3-8-5	1144.2	5-8-4	5.
3-8-6	218.	5-8-5	10549.57
3-8-7	1915.	5-8-7	524.5
3-8-8	2103.5	5-10-5	55.
3-8-10	8.	6-5-4	1.3
3-9-3	8.	6-6-6	716.1
3-10-3	47.	6-6-7	209.
3-10-6	1044.3	6-8-4	64.
3-12-3	177.6	6-8-6	13.
1½-10-5	135.	6-8-8	42.
1½-12-2	9.	7-6-5	9584.68
1½-12-5	196.	7-8-3	9.
1¾-10-3	298.	7-12-7	248.5
1¾-10¼-2	136.	8-6-5	.1
2-7-7	240.	8-7-6	5.
2-8-2	314.5	10-4-2	186.

Guaranteed	Tons	Guaranteed	Tons
10–5–2	329.7	0–16–0	15377.
1½–14–0	76.	0–18–0	50.
2–10–0	25.	0–20–0	217.
5–8–0	171.	Lime and Potash	93.5
10–5–0	138.73	Lime and Phosphorus	41.
0–4–7	41.75	Kainit	2761.11
0–4–10	30.5	Muriate of Potash	658.4
0–7–5	200.	Manure Salts	62.
0–7–7	157.	Sulphate of Potash	46.7
0–8–6	217.	Nitrate of Soda	1396.64
0–8–5	21.5	Sulphate of NH_3	376.95
0–8–7	76.	Bone Meal 4½–48	1273.52
0–10–4	311.83	Bone Meal 3–50	614.25
0–10–5	618.3	Tankage	316.23
0–10–5.4	361.	Blood	12.2
0–10–8	76.25	Sheep Manure	473.2
0–10–10	92.9	Cattle Manure	28.
0–12–5	13990.97	Fish	87.
0–12–6	917.9	Cultures	2.
0–12–10	282.	Miscellaneous	61.7
0–16–7	92.	Mixed to order	5518.8
0–13–0	880.5		
0–14–0	69.	Total Tonnage	165,173.67

VALUES FOR SPRING OF 1928

Since the analysis in our laboratory gives the percentage or pounds per hundred, it is only necessary to multiply the price per pound by 20 in order to get the value of one per cent. for one ton of fertilizer. This is designated in the following table as the value per unit. A unit is one per cent. of one ton or 20 pounds.

Table for Calculating Fertilizer Values:

	Per Unit
(1) Nitrogen calculated as ammonia	$4.00
(2) Available phosphoric acid	
(a) In mixed fertilizers or in dissolved rock	.80
(b) In tankage or ground bone	.60
(3) Insoluble phosphoric acid	.15
(4) Potash	.80

The values given above are not for the purpose of fixing the commercial value of mixed fertilizers, but are for comparative purposes only. They are furnished to be used in comparing the value of the plant food found by our chemists with that guaranteed by the manufacturer. They can be used advantageously by fertilizer purchasers in calculating the relative values of the various brands offered for sale by the different manufacturers.

TABLES

The following pages contain a detailed report of the results obtained in the inspection of fertilizers from January 1, to August 1, 1928.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
American Agricultural Chem. Co., New York, N. Y.													
Superphosphate 16%	Baltimore	------	------	------	------	1.35	------	16.45	16.00	------	------	$13.36	$12.80
Superphosphate 16%	Baltimore	------	------	------	------	1.25	------	16.45	16.00	------	------	13.35	12.80
Superphosphate 16%	Baltimore	------	------	------	------	1.20	------	16.40	16.00	------	------	13.30	12.80
Superphosphate 16%	Baltimore	------	------	------	------	1.38	------	15.97	16.00	------	------	12.99	12.80
Superphosphate 16%	Baltimore	------	------	------	------	1.55	------	16.05	16.00	------	------	13.07	12.80
Acme Fertilizer 1-9-4	Baltimore	.58	.43	.99	1.00	1.00	------	9.10	9.00	4.20	4.00	14.75	14.40
Acme Fertilizer 1-9-4	Baltimore	.77	.43	1.04	1.00	1.05	------	9.35	9.00	4.00	4.00	15.00	14.40
Acme Fertilizer 1-9-4	Baltimore	.80	.43	1.04	1.00	.90	------	10.10	9.00	4.08	4.00	15.64	14.40
Agrico Fertilizer for Corn 3-10-6	Baltimore	2.83	1.52	3.14	3.00	1.20	------	10.10	10.00	6.42	6.00	25.96	24.80
Agrico Fertilizer for Corn 3-10-6	Baltimore	2.88	1.52	3.14	3.00	1.35	------	10.55	10.00	6.38	6.00	26.30	24.80
Agrico Fertilizer for Corn 3-10-6	Baltimore	2.92	1.52	3.26	3.00	1.30	------	10.00	10.00	6.32	6.00	26.30	24.80
Agrico Fertilizer for Corn 3-10-6	Baltimore	2.49	1.52	3.00	3.00	1.25	------	10.25	10.00	6.20	6.00	25.35	24.80
Agrico Fertilizer for Corn 3-10-6	Baltimore	2.80	1.52	3.11	3.00	1.10	------	10.40	10.00	6.32	6.00	25.99	24.80
Agrico Fertilizer for Grain 2-12-4	Baltimore	1.64	1.03	2.05	2.00	1.05	------	12.25	12.00	4.32	4.00	21.62	20.80
Agrico Fertilizer for Grain 2-12-4	Baltimore	1.61	1.03	2.12	2.00	1.00	------	12.00	12.00	4.32	4.00	21.69	20.80
Agrico Fertilizer for Potatoes 4-8-6	Baltimore	3.55	2.13	4.03	4.00	1.00	------	8.50	8.00	6.32	6.00	28.13	27.20
Agrico Fertilizer for Potatoes 4-8-6	Baltimore	3.82	2.13	4.20	4.00	.90	------	8.70	8.00	6.38	6.00	29.00	27.20
Agrico Fertilizer for Potatoes 4-8-6	Baltimore	3.60	2.13	3.98	4.00	1.20	------	8.40	8.00	6.04	6.00	27.65	27.20
Agrico Fertilizer for Potatoes 4-8-6	Baltimore	3.77	2.13	4.13	4.00	.90	------	8.60	8.00	6.00	6.00	28.34	27.20
Agrico Fertilizer for Potatoes 4-8-6	Baltimore	3.68	2.13	3.99	4.00	.95	------	8.85	8.00	6.00	6.00	27.98	27.20
Agrico Fertilizer for Truck 5-10-5	Baltimore	4.38	3.28	4.98	5.00	.60	------	10.10	10.00	6.04	5.00	32.92	32.00
Basic Lime Phosphate 13%	Baltimore	------	------	------	------	2.25	------	13.45	13.00	------	------	11.10	10.40
Basic Lime Phosphate 13%	Baltimore	------	------	------	------	1.85	------	13.65	13.00	------	------	11.20	10.40
Basic Lime Phosphate 13%	Baltimore	------	------	------	------	2.25	------	13.55	13.00	------	------	11.18	10.40
Basic Lime Phosphate 13%	Baltimore	------	------	------	------	1.55	------	14.25	13.00	------	------	11.63	10.40
Basic Lime Phosphate 13%	Baltimore	------	------	------	------	1.65	------	13.75	13.00	------	------	11.25	10.40
Climax Fertilizer 3-10-6	Baltimore	2.78	1.52	3.12	3.00	1.25	----	10.15	10.00	6.28	6.00	25.81	24.80
Early Trucker Fertilizer 5-8-5	Baltimore	4.52	2.92	5.15	5.00	.85	------	8.35	8.00	5.00	5.00	31.41	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.30	2.92	4.90	5.00	.80	------	8.70	8.00	5.36	5.00	30.97	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.37	2.92	5.00	5.00	.85	------	8.45	8.00	5.32	5.00	31.15	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.42	2.92	5.00	5.00	.95	------	8.55	8.00	5.28	5.00	31.20	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.36	2.92	5.01	5.00	.95	------	8.45	8.00	5.32	5.00	31.20	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.45	2.92	5.00	5.00	.80		8.60	8.00	5.00	5.00	31.00	30.40

Early Trucker Fertilizer 5-8-5	Baltimore	4.37	2.92	5.00	5.00	.95	------	8.55	8.00	5.28	5.00	31.20	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.42	2.92	5.00	5.00	.95	------	8.55	8.00	5.28	5.00	31.20	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.36	2.92	5.01	5.00	.95	------	8.45	8.00	5.32	5.00	31.20	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.45	2.92	5.00	5.00	.80	------	8.60	8.00	5.00	5.00	31.00	30.40
Early Trucker Fertilizer 5-8-5	Baltimore	4.40	2.92	4.88	5.00	.85	------	8.65	8.00	5.32	5.00	30.83	30.40
Farmer's Friend Fertilizer 2-12-4	Upper Marlboro	1.76	1.03	2.05	2.00	1.25	------	12.55	12.00	4.36	4.00	21.92	20.80
Fine Ground Bone	Upper Marlboro	------	------	4.10	3.00	------	------	*26.20	22.88	------	------	32.12	25.73
Fine Ground Bone	Upper Marlboro	------	------	3.33	3.00	------	------	*26.10	*22.88	------	------	28.98	25.73
Gold Eagle Fertilizer 3-8-8	Baltimore	2.68	1.52	3.02	3.00	.85	------	8.05	8.00	8.16	8.00	25.18	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.64	1.52	3.07	3.00	.80	------	8.30	8.00	8.36	8.00	25.73	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.79	1.52	3.17	3.00	.90	------	8.20	8.00	8.40	8.00	26.10	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.70	1.52	3.04	3.00	.80	------	8.60	8.00	8.44	8.00	25.91	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.67	1.52	3.05	3.00	.80	------	8.20	8.00	8.40	8.00	25.60	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.76	1.52	3.07	3.00	1.00	------	8.30	8.00	8.40	8.00	25.79	24.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.78	1.52	3.09	3.00	.75	------	8.15	8.00	8.88	8.00	26.09	25.80
Gold Eagle Fertilizer 3-8-8	Baltimore	2.73	1.52	2.99	3.00	.80	------	8.20	8.00	8.22	8.00	25.22	24.80
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.25	2.13	3.98	4.00	1.25	------	8.05	8.00	7.20	7.00	28.31	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.60	2.13	4.01	4.00	1.25	------	8.15	8.00	7.52	7.00	28.77	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.55	2.13	3.99	4.00	1.05	------	8.55	8.00	7.00	7.00	28.56	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.45	2.13	4.10	4.00	.90	------	8.80	8.00	7.52	7.00	29.60	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.60	2.13	4.04	4.00	1.00	------	8.30	8.00	7.04	7.00	28.58	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.60	2.13	4.03	4.00	.75	------	8.55	8.00	7.12	7.00	28.77	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.79	2.13	4.18	4.00	.85	------	8.75	8.00	7.08	7.00	29.51	28.00
Golden Leaf Tobacco Fertilizer 4-8-7	Baltimore	3.77	2.13	4.13	4.00	.80	------	8.60	8.00	7.04	7.00	29.15	28.00
Great Planet Double Strength 2-16-8	Baltimore	1.79	1.03	2.10	2.00	.55	------	16.05	16.00	8.10	8.00	27.80	27.20
Ground Tankage	Upper Marlboro	------	------	6.19	6.00	------	------	*15.30	*13.73	------	------	33.94	32.24
Ground Tankage	Upper Marlboro	------	------	9.25	9.00	------	------	*11.60	* 9.15	------	------	43.96	41.49
Kainit 12.40%	Baltimore	------	------	------	------	------	------	------	------	12.00	12.40	------	------
Kangaroo Komplete Kompound 2-9-3	Baltimore	1.74	1.03	2.08	2.00	1.05	------	9.55	9.00	3.34	3.00	18.79	17.60
Kangaroo Komplete Kompound 2-9-3	Baltimore	1.60	1.03	1.98	2.00	.95	------	9.65	9.00	3.30	3.00	18.42	17.60
Kangaroo Komplete Kompound 2-9-3	Baltimore	1.75	1.03	2.35	2.00	.85	------	9.55	9.00	3.36	3.00	19.86	17.60
Monarch Fertilizer 4-8-4	Baltimore	3.79	2.13	4.11	4.00	.80	------	8.60	8.00	4.28	4.00	26.86	25.60
Monarch Fertilizer 4-8-4	Baltimore	3.50	2.13	3.99	4.00	1.05	------	8.65	8.00	4.00	4.00	26.24	25.60
Muriate of Potash 48%	Upper Marlboro	------	------	------	------	------	------	------	------	49.86	48.00	------	------
Neptune Fish Fertilizer 1-9-4	Baltimore	.65	.43	.99	1.00	1.15	------	9.15	9.00	4.40	4.00	14.97	14.40
Neptune Fish Fertilizer 1-9-4	Baltimore	.47	.43	1.02	1.00	1.50	------	9.10	9.00	4.24	4.00	14.98	14.40
Neptune Fish Fertilizer 1-9-4	Baltimore	.62	.43	1.01	1.00	1.25	------	9.15	9.00	4.00	4.00	14.75	14.40
Nitrate of Soda 18.23%	Baltimore	------	------	18.96	18.23	------	------	------	------	------	------	------	------
Nitrate of Soda 18.23%	Upper Marlboro	------	------	18.78	18.23	------	------	------	------	------	------	------	------
Old Hickory Fertilizer 2-8-10	Baltimore	1.65	1.03	2.06	2.00	1.00	------	8.40	8.00	10.80	10.00	23.75	22.40
Old Hickory Fertilizer 2-8-10	Baltimore	2.02	1.03	2.58	2.00	1.15	------	8.45	8.00	10.00	10.00	25.25	22.40
Old Hickory Fertilizer 2-8-10	Baltimore	1.70	1.03	2.01	2.00	1.35	------	8.85	8.00	10.36	10.00	23.61	22.40
10% Plant Bed Fertilizer 10-5-0	Baltimore	9.24	6.08	10.06	10.00	.45	------	5.63	5.00	------	------	44.81	44.00
10% Plant Bed Fertilizer 10-5-0	Baltimore	9.43	6.08	10.25	10.00	.75	------	5.55	5.00	------	------	45.55	44.00
10% Plant Bed Fertilizer 10-5-0	Baltimore	9.91	6.08	10.93	10.00	.40	------	5.90	5.00	------	------	48.50	44.00
10% Plant Bed Fertilizer 10-5-0	Baltimore	9.41	6.08	10.14	10.00	.60	------	5.90	5.00	------	------	45.37	44.00

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
American Agricultural Chem. Co., New York, N. Y. (Continued)													
10% Plant Bed Fertilizer 10-5-0	Baltimore	**9.06**	6.08	**10.02**	10.00	**.40**	------	**6.20**	5.00	------	------	**$45.10**	$44.00
Red Dog Fertilizer 2-8-5	Baltimore	**.53**	1.03	**1.98**	2.00	**1.55**	------	**8.05**	8.00	**5.28**	5.00	**18.81**	18.40
Red Dog Fertilizer 2-8-5	Baltimore	**1.24**	1.03	**2.01**	2.00	**1.15**	------	**8.15**	8.00	**5.04**	5.00	**18.76**	18.40
Red Dog Fertilizer 2-8-5	Baltimore	**1.54**	1.03	**2.00**	2.00	**1.00**	------	**8.20**	8.00	**5.60**	5.00	**19.19**	18.40
Red Dog Fertilizer 2-8-5	Baltimore	**1.69**	1.03	**2.12**	2.00	**1.10**	------	**8.00**	8.00	**5.12**	5.00	**19.15**	18.40
Red Dog Fertilizer 2-8-5	Baltimore	**1.68**	1.03	**2.06**	2.00	**1.20**	------	**8.00**	8.00	**5.36**	5.00	**19.11**	18.40
Red Dog Fertilizer 2-8-5	Upper Marlboro	**1.83**	1.03	**2.12**	2.00	**1.00**	------	**8.40**	8.00	**5.32**	5.00	**19.61**	18.40
Red Leaf Tobacco Fertilizer 4-8-10	Baltimore	**3.48**	2.13	**4.06**	4.00	**.75**	------	**8.55**	8.00	**10.64**	10.00	**31.70**	30.40
Red Leaf Tobacco Fertilizer 4-8-10	Baltimore	**3.90**	2.13	**4.16**	4.00	**.90**	------	**8.60**	8.00	**10.36**	10.00	**31.95**	30.40
Red Leaf Tobacco Fertilizer 4-8-10	Baltimore	**2.94**	2.13	**4.10**	4.00	**.80**	------	**8.50**	8.00	**10.24**	10.00	**31.51**	30.40
Red Leaf Tobacco Fertilizer 4-8-10	Baltimore	**3.36**	2.13	**4.13**	4.00	**.65**	------	**8.15**	8.00	**10.12**	10.00	**31.24**	30.40
Pulverized Sheep and Goat Manure	Upper Marlboro	------	------	**2.12**	1.50	------	------	***1.20**	*1.00	**2.08**	2.00	**10.86**	8.20
Sweepstakes Tobacco Fertilizer 3-8-3	Baltimore	**2.57**	1.52	**3.05**	3.00	**1.00**	------	**7.90**	8.00	**3.36**	3.00	**21.36**	20.80
Sweepstakes Tobacco Fertilizer 3-8-3	Baltimore	**2.68**	1.52	**3.02**	3.00	**1.25**	------	**8.05**	8.00	**3.40**	3.00	**21.43**	20.80
Sweepstakes Tobacco Fertilizer 3-8-3	Baltimore	**2.36**	1.52	**2.99**	3.00	**.90**	------	**8.80**	8.00	**3.84**	3.00	**22.21**	20.80
Sweepstakes Tobacco Fertilizer 3-8-3	Baltimore	**2.31**	1.52	**3.16**	3.00	**1.05**	------	**8.00**	8.00	**3.96**	3.00	**22.37**	20.80
Sweepstakes Tobacco Fertilizer 3-8-3	Baltimore	**2.22**	1.52	**3.14**	3.00	**1.00**	------	**8.50**	8.00	**3.30**	3.00	**22.15**	20.80
Tomato Fertilizer 2-8-5	Baltimore	**1.61**	1.03	**2.00**	2.00	**1.15**	------	**9.55**	8.00	**5.12**	5.00	**19.91**	18.40
Sulphate of Ammonia 24.50%	Upper Marlboro	------	------	**24.98**	24.50	------	------	------	------	------	------	------	------
Sulphate of Potash 48%	Upper Marlboro	------	------	------	------	------	------	------	------	**52.20**	48.00	------	------
Detrick's Gold Basis Fertilizer 7-6-5	Upper Marlboro	**6.55**	4.13	**7.16**	7.00	**.60**	------	**6.90**	6.00	**5.12**	5.00	**38.35**	36.80
Detrick's Gold Basis Fertilizer 7-6-5	Baltimore	**6.00**	4.13	**6.55**	7.00	**.50**	------	**6.70**	6.00	**5.04**	5.00	**35.67**	36.80
Detrick's Gold Basis Fertilizer 7-6-5	Baltimore	**6.30**	4.13	**6.91**	7.00	**.50**	------	**6.90**	6.00	**5.04**	5.00	**37.27**	36.80
Lister's G. Brand Fertilizer 1-9-4	Baltimore	**.31**	.43	**1.04**	1.00	**1.35**	------	**9.05**	9.00	**4.28**	4.00	**15.02**	14.40
Lister's Golden Crown Fertilizer 2-8-10	Baltimore	**1.18**	1.03	**2.08**	2.00	**1.25**	------	**8.05**	8.00	**10.16**	10.00	**23.08**	22.40
Lister's Harvest Queen Fertilizer 2-8-5	Baltimore	**1.69**	1.03	**2.05**	2.00	**1.05**	------	**8.05**	8.00	**5.32**	5.00	**19.06**	18.40
Lister's Harvest Queen Fertilizer 2-8-5.	Baltimore	**1.48**	1.03	**2.13**	2.00	**1.40**	------	**8.00**	8.00	**5.56**	5.00	**19.58**	18.40
Patapsco Big Chief Fertilizer 2-8-5	Baltimore	**1.57**	1.03	**2.08**	2.00	**1.15**	------	**8.25**	8.00	**5.30**	5.00	**19.33**	18.40
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	**8.98**	6.08	**9.85**	10.00	**.40**	------	**5.60**	5.00	**2.20**	2.00	**45.70**	45.60
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	**9.22**	6.08	**10.11**	10.00	**.50**	------	**5.20**	5.00	**2.08**	2.00	**46.34**	45.60
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	**9.45**	6.08	**10.37**	10.00	**.70**	------	**5.40**	5.00	**2.12**	2.00	**47.61**	45.60
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	**9.51**	6.08	**10.47**	10.00	**.60**	------	**5.20**	5.00	**2.08**	2.00	**47.79**	45.60

Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	9.22	6.08	10.11	10.00	.50	------	5.20	5.00	2.08	2.00	47.79	45.60
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	9.45	6.08	10.37	10.00	.70	------	5.40	5.00	2.12	2.00	47.61	45.60
Slingluff's Plant Bed Fertilizer 10-5-2	Baltimore	9.51	6.08	10.47	10.00	.60	------	5.20	5.00	2.08	2.00	47.79	45.60
Armour Fertilizer Works, Baltimore, Md.													
Big Crop Superphosphate 20%	Mt. Lake Park	------	------	------	------	.50	------	21.10	20.00	------	------	16.96	16.00
Big Crop Bone Mixture 2-9-3	Baltimore	1.33	1.00	2.08	2.00	1.75	------	9.65	9.00	3.36	3.00	18.99	17.60
Big Crop 5-8-5	Baltimore	4.24	2.50	5.02	5.00	.35	------	8.00	8.00	5.24	5.00	30.72	30.40
Big Crop 5-8-5	Baltimore	4.64	2.50	5.02	5.00	.30	------	8.40	8.00	5.04	5.00	30.88	30.40
Big Crop 5-8-5	Baltimore	4.64	2.50	5.02	5.00	.10	------	8.30	8.00	5.36	5.00	31.03	30.40
Big Crop 5-8-5	Baltimore	4.28	2.50	4.83	5.00	.35	------	8.85	8.00	5.20	5.00	30.61	30.40
Big Crop 5-15-5	Baltimore	4.52	2.50	4.66	5.00	.40	------	15.70	15.00	5.76	5.00	35.87	36.00
Big Crop 4-8-4	Baltimore	3.67	2.00	4.01	4.00	.15	------	8.35	8.00	4.52	4.00	26.36	25.60
Big Crop 4-8-4	Baltimore	3.67	2.00	3.98	4.00	.15	------	8.45	8.00	4.88	4.00	26.60	25.60
Big Crop 4-16-4	Baltimore	3.62	2.00	3.98	4.00	.10	------	16.60	16.00	4.32	4.00	32.68	32.00
Big Crop 4-16-4	Baltimore	3.94	2.00	4.20	4.00	.20	------	16.40	16.00	4.88	4.00	33.85	32.00
Big Crop 4-16-4	Mt. Lake Park	3.96	2.00	4.13	4.00	.70	------	17.00	16.00	4.24	4.00	33.62	32.00
Big Crop 1-9-4	Baltimore	.70	.50	1.16	1.00	1.25	------	9.05	9.00	4.04	4.00	15.30	14.40
Big Crop 1-9-4	Baltimore	.77	.50	1.04	1.00	.70	------	9.20	9.00	4.36	4.00	15.12	14.40
Big Crop 1-9-4	Baltimore	.58	.50	1.02	1.00	.30	------	9.50	9.00	4.36	4.00	15.22	14.40
Big Crop Sweet Potato Grower 3-8-8	Baltimore	2.66	1.50	3.00	3.00	.05	------	8.35	8.00	8.00	8.00	25.09	24.80
Big Crop Sweet Potato Grower 3-8-8	Baltimore	2.69	1.50	3.00	3.00	.15	------	8.55	8.00	8.32	8.00	25.52	24.80
Big Crop Sweet Potato Grower 3-8-8	Baltimore	2.68	1.50	3.02	3.00	.05	------	8.25	8.00	8.30	8.00	25.33	24.80
Big Crop Sweet Potato Grower 3-8-8	Baltimore	2.62	1.50	3.17	3.00	.35	------	8.15	8.00	8.32	8.00	25.91	24.80
Big Crop Tobacco Grower 6-8-4	Baltimore	4.64	3.00	6.06	6.00	1.15	------	8.45	8.00	4.40	4.00	34.69	33.60
Big Crop Tobacco Grower 6-8-4	Baltimore	4.50	3.00	5.95	6.00	1.30	------	8.70	8.00	4.56	4.00	34.61	33.60
Big Crop Tobacco Grower 6-8-4	Baltimore	4.66	3.00	5.85	6.00	.10	------	8.30	8.00	4.38	4.00	33.56	33.60
Big Crop Tomato Grower 3-10-6	Baltimore	2.73	1.50	3.07	3.00	.05	------	10.05	10.00	7.38	6.00	26.23	24.80
Big Crop Tomato Grower 3-10-6	Baltimore	2.68	1.50	3.07	3.00	.35	------	10.65	10.00	6.28	6.00	25.87	24.80
Big Crop Tomato Grower 3-10-6	Baltimore	2.73	1.50	3.07	3.00	.25	------	10.65	10.00	6.32	6.00	25.90	24.80
Big Crop Tomato Grower 3-10-6	Baltimore	2.75	1.50	3.09	3.00	.30	------	10.10	10.00	6.72	6.00	25.87	24.80
Big Crop 7-6-5	Baltimore	6.25	3.50	6.76	7.00	.40	------	6.50	6.00	5.08	5.00	36.36	36.80
Big Crop 7-6-5	Baltimore	6.31	3.50	6.74	7.00	.20	------	6.70	6.00	5.08	5.00	36.41	36.80
Big Crop 10-5-2	Baltimore	9.65	5.00	9.99	10.00	.25	------	5.75	5.00	2.20	2.00	46.36	45.60
Big Crop 10-5-2	Baltimore	9.36	5.00	9.70	10.00	.05	------	5.65	5.00	2.04	2.00	44.96	45.60
Big Crop 10-9-8	Baltimore	9.61	5.00	9.78	10.00	.20	------	9.90	9.00	8.24	8.00	53.66	53.60
Big Crop 2-16-8	Baltimore	2.03	1.00	2.20	2.00	.40	------	16.20	16.00	8.08	8.00	28.28	27.20
Big Crop 2-16-8	Clinton	1.80	1.00	2.18	2.00	.60	------	16.50	16.00	8.24	8.00	28.60	27.20
Big Crop 2-16-8	Baltimore	1.95	1.00	2.12	2.00	.75	------	16.15	16.00	9.32	8.00	28.97	27.20
Big Crop 2-16-8	Elkton	1.76	1.00	2.03	2.00	.90	------	17.00	16.00	8.32	8.00	28.52	27.20
Big Crop 2-8-5	Baltimore	1.89	1.00	2.15	2.00	.10	------	8.60	8.00	5.12	5.00	19.60	18.40
Big Crop 2-8-5	Baltimore	1.69	1.00	2.03	2.00	.35	------	8.25	8.00	5.72	5.00	19.35	18.40
Big Crop 2-8-5	Baltimore	1.64	1.00	2.08	2.00	.05	------	8.95	8.00	5.32	5.00	19.75	18.40
Big Crop 2-8-5	Baltimore	1.95	1.00	2.39	2.00	.05	------	8.35	8.00	5.00	5.00	20.25	18.40
Big Crop 2-8-10	Baltimore	1.93	1.00	2.15	2.00	.05	------	8.75	8.00	10.08	10.00	23.67	22.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Armour Fertilizer Works, Baltimore, Md. (Continued)													
Big Crop 0-10-10	Baltimore	------	------	------	------	**.25**	------	**10.65**	10.00	**10.00**	10.00	**$16.56**	$16.00
Big Crop Truck Grower 7-12-7	Baltimore	**6.52**	3.50	**6.78**	7.00	**.20**	------	**12.60**	12.00	**7.20**	7.00	**42.99**	43.20
Kainit 12%	Baltimore	------	------	------	------	------	------	------	------	**13.84**	12.00	------	------
Kainit 12%	Baltimore	------	------	------	------	------	------	------	------	**13.60**	12.00	------	------
Kainit 12%	Baltimore	------	------	------	------	------	------	------	------	**14.08**	12.00	------	------
Kainit 12%	Elkton	------	------	------	------	------	------	------	------	**13.68**	12.00	------	------
Lime Phosphate 13%	Baltimore	------	------	------	------	**.40**	------	**13.00**	13.00	------	------	**10.46**	10.40
Lime Phosphate 13%	Baltimore	------	------	------	------	**.55**	------	**13.65**	13.00	------	------	**11.00**	10.40
Nitrate of Soda 18%	Baltimore	------	------	**19.12**	18.00	------	------	------	------	------	------	------	------
Nitrate of Soda 18%	Baltimore	------	------	**18.68**	18.00	------	------	------	------	------	------	------	------
Nitrate of Soda 18%	Hurlock	------	------	**18.44**	18.00	------	------	------	------	------	------	------	------
Associated Chemical Company, Baltimore, Maryland.													
Kainit	Baltimore	------	------	------	------	------	------	------	------	**14.00**	12.40	------	------
Nitrate of Soda	Baltimore	------	------	**18.98**	18.20	------	------	------	------	------	------	------	------
Pure Raw Bone	Clinton	------	------	**5.99**	4.50	------	------	***19.00**	*20.00	------	------	**35.36**	30.00
Baltimore Fertilizer Company, Baltimore, Maryland.													
Honest 16% Acid Phosphate	Baltimore	------	------	------	------	**1.30**	------	**16.20**	16.00	------	------	**13.16**	12.80
Honest 16% Acid Phosphate	Baltimore	------	------	------	------	**1.65**	------	**16.05**	16.00	------	------	**13.09**	12.80
Honest Ammoniated Bone 2-8-2	Baltimore	**1.70**	.60	**2.18**	2.00	**.55**	------	**8.45**	8.00	**2.36**	2.00	**17.45**	16.00
Honest Ammoniated Bone 2-8-2	Baltimore	**1.37**	.60	**2.05**	2.00	**.85**	------	**8.35**	8.00	**5.28**	2.00	**19.23**	16.00
Honest 1-9-4	Baltimore	**.58**	.49	**1.35**	1.00	**.80**	------	**9.30**	9.00	**4.32**	4.00	**16.42**	14.40
Honest 1-9-4	Glyndon	**.91**	.49	**1.30**	1.00	**.60**	------	**9.90**	9.00	**4.68**	4.00	**16.95**	14.40
Honest 3-8-5	Baltimore	**2.56**	.60	**3.16**	3.00	**.85**	------	**9.15**	8.00	**6.30**	5.00	**25.13**	22.40
Honest 3-8-5	Baltimore	**2.17**	.60	**3.07**	3.00	**1.15**	------	**8.15**	8.00	**6.68**	5.00	**24.31**	22.40
Honest 3-8-5	Baltimore	**2.41**	.60	**3.09**	3.00	**.75**	------	**8.45**	8.00	**5.96**	5.00	**24.00**	22.40
Honest 2-8-5	Glyndon	**1.48**	.60	**2.01**	2.00	**.70**	------	**8.60**	8.00	**6.08**	5.00	**19.89**	18.40
Honest 2-8-5	Baltimore	**1.55**	.60	**2.03**	2.00	**.65**	------	**8.15**	8.00	**5.08**	5.00	**18.80**	18.40
Honest 2-8-5	Baltimore	**1.44**	.60	**2.05**	2.00	**.75**	------	**7.75**	8.00	**5.24**	5.00	**18.70**	18.40

Honest 2-8-5	Glyndon	1.48	.60	2.01	2.00	.70	------	8.60	8.00	6.08	5.00	19.89	18.40
Honest 2-8-5	Baltimore	1.55	.60	2.03	2.00	.65	------	8.15	8.00	5.08	5.00	18.80	18.40
Honest 2-8-5	Baltimore	1.44	.60	2.05	2.00	.75	------	7.75	8.00	5.24	5.00	18.70	18.40
Honest 2-8-5	Baltimore	1.32	.60	2.00	2.00	1.20	------	8.00	8.00	5.16	5.00	18.71	18.40
Honest 10% Tobacco Bed Mix. 10-4 2	Baltimore	8.42	.60	9.79	10.00	.50	------	5.00	4.00	2.16	2.00	44.97	44.80
Honest 10% Tobacco Bed Mix. 10 4 2	Baltimore	8.80	.60	10.17	10.00	.45	------	4.95	4.00	2.36	2.00	46.60	44.80
Honest 10% Tobacco Bed Mix. 10-4-2.	Baltimore	8.79	.60	10.11	10.00	.50	------	4.70	4.00	2.36	2.00	46.17	44.80
Honest 10% Tobacco Bed Mix. 10-4-2.	Baltimore	8.68	.60	10.00	10.00	.45	------	4.85	4.00	2.32	2.00	45.81	44.80
Honest Trucker 5-7-5	Baltimore	4.56	.60	5.45	5.00	.60	------	7.50	7.00	5.00	5.00	31.89	29.60
Old Honesty 1-11-2	Glyndon	.73	.49	1.11	1.00	.80	------	10.90	11.00	2.68	2.00	15.42	14.40
Baltimore Pulverizing Company, Baltimore, Md.													
Acme Harvest King	Baltimore	1.80	------	2.41	1.00	.55	------	9.65	10.00	5.22	4.00	21.62	15.20
Climax Guano	Baltimore	3.32	2.97	4.10	4.00	.55	------	8.25	8.00	5.36	5.00	27.37	26.40
Climax Guano	Baltimore	3.60	2.98	4.18	4.00	1.15	------	8.85	8.00	5.36	5.00	28.26	26.40
Corn and Grain Grower	Baltimore	------	------	------	------	1.70	------	11.70	12.00	5.04	5.00	13.65	13.60
Corn and Grain Grower	Baltimore	------	------	------	------	1.20	------	11.40	12.00	6.36	5.00	14.39	13.60
Ideal Fertilizer	Baltimore	1.60	1.21	2.15	2.00	1.05	------	7.75	8.00	6.12	5.00	19.86	18.40
Ideal Fertilizer	Baltimore	1.49	1.21	2.05	2.00	.65	------	6.75	8.00	5.32	5.00	17.96	18.40
Ideal Fertilizer	Baltimore	1.86	1.21	2.15	2.00	.75	------	8.15	8.00	5.36	5.00	19.52	18.40
Kainit	Baltimore	------	------	------	------	------	------	------	------	14.72	12.40	------	------
Potato and Truck Compound	Baltimore	4.20	3.52	5.19	5.00	.90	------	8.60	8.00	5.36	5.00	32.07	30.40
Special Strawberry Compound	Baltimore	3.04	2.97	3.79	4.00	.65	------	7.05	7.00	4.48	3.00	24.48	24.00
Special Strawberry Compound	Baltimore	3.09	2.97	3.98	4.00	.75	------	8.65	7.00	3.36	3.00	25.64	24.00
Special Strawberry Compound	Baltimore	3.16	2.97	4.01	4.00	.70	------	8.50	7.00	3.36	3.00	25.64	24.00
Willoughby's Mixture	Baltimore	3.23	3.00	3.98	4.00	1.70	------	8.10	8.00	7.24	7.00	28.45	28.00
Willoughby's Mixture	Baltimore	3.65	3.00	4.30	4.00	.55	------	8.05	8.00	7.72	7.00	29.90	28.00
Baugh & Sons Company, Baltimore, Md.													
Acid Phosphate 16%	Baltimore	------	------	------	------	1.10	------	16.10	16.00	------	------	13.05	12.80
Acid Phosphate 16%	Baltimore	------	------	------	------	1.60	------	16.40	16.00	------	------	13.36	12.80
Acid Phosphate 16%	Baltimore	------	------	------	------	1.35	------	17.15	16.00	------	------	13.92	12.80
Animal Base and Potash Com. 2-9-3	Baltimore	1.40	.90	2.03	2.00	1.15	------	9.00	9.00	3.20	3.00	18.05	17.60
Animal Base and Potash Com. 2-9-3	Baltimore	1.32	.90	2.05	2.00	.95	------	9.05	9.00	3.20	3.00	18.14	17.60
Commercial Superphosphate 2-8-10	Baltimore	1.48	.90	2.06	2.00	.80	------	8.90	8.00	10.08	10.00	23.54	22.40
Commercial Superphosphate 2-8-10	Silver Hill	1.52	.90	2.12	2.00	.75	------	8.95	8.00	10.36	10.00	24.04	22.40
Commercial Superphosphate 2-8-10	Baltimore	1.52	.90	2.03	2.00	.75	------	8.55	8.00	10.40	10.00	23.39	22.40
Complete Animal Base Fert. 2-8-5	Baltimore	1.75	.90	2.18	2.00	.70	------	8.00	8.00	5.12	5.00	19.33	18.40
Complete Animal Base Fert. 2-8-5	Baltimore	1.63	.90	2.12	2.00	.65	------	8.25	8.00	5.40	5.00	19.50	18.40
Complete Animal Base Fert. 2-8-5	Baltimore	1.45	.90	2.05	2.00	.95	------	7.95	8.00	5.36	5.00	18.99	18.40
Complete Animal Base Fert. 2-8-5	Baltimore	1.66	.90	2.00	2.00	.90	------	9.20	8.00	5.00	5.00	19.50	18.40
Corn and Oats Fertilizer 2-12-2	Baltimore	1.38	.90	2.10	2.00	.80	------	12.90	12.00	2.28	2.00	20.66	19.20
Corn and Oats Fertilizer 2-12-2	Baltimore	1.67	.90	2.18	2.00	.75	------	12.25	12.00	2.32	2.00	20.49	19.20
Corn and Oats Fertilizer 2-12-2	Oakland	1.91	.90	2.05	2.00	.80	------	12.30	12.00	2.12	2.00	19.86	19.20

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Baugh & Sons Company, Baltimore, Md. (Continued)													
Double Eagle Phosphate 2-12-4	Oakland	**1.77**	.90	**2.32**	2.00	**1.35**	------	**12.25**	12.00	**4.36**	4.00	**$22.77**	$20.80
Fish Bone and Potash 4-8-4	Baltimore	**3.43**	2.42	**4.15**	4.00	**.95**	------	**8.05**	8.00	**4.36**	4.00	**26.67**	25.60
Fish Bone and Potash 4-8-4	Baltimore	**3.36**	2.42	**4.04**	4.00	**.90**	------	**8.60**	8.00	**4.08**	4.00	**26.44**	25.60
Fish Bone and Potash 4-8-4	Baltimore	**3.49**	2.42	**4.04**	4.00	**.95**	------	**8.65**	8.00	**4.38**	4.00	**26.72**	25.60
Fish Bone and Potash 4-8-4	Baltimore	**3.31**	2.42	**3.82**	4.00	**.85**	------	**8.85**	8.00	**4.00**	4.00	**25.69**	25.60
Fish Bone and Potash 4-8-4	Baltimore	**3.38**	2.42	**4.03**	4.00	**.90**	------	**9.10**	8.00	**4.00**	4.00	**26.74**	25.60
4-8-10	Baltimore	**3.60**	2.42	**4.18**	4.00	**.75**	------	**8.45**	8.00	**10.40**	10.00	**31.91**	30.40
4-8-10	Baltimore	**3.61**	2.42	**4.10**	4.00	**.65**	------	**8.35**	8.00	**10.08**	10.00	**31.24**	30.40
Genuine Imported Kainit	Baltimore	------	------	------	------	------	------	------	------	**12.76**	12.40	------	------
Genuine Imported Kainit	Baltimore	------	------	------	------	------	------	------	------	**13.00**	12.40	------	------
Half Century Perfection Brand 4-8-7	Baltimore	**3.46**	2.42	**4.18**	4.00	**.90**	------	**8.10**	8.00	**7.30**	7.00	**29.18**	28.00
Half Century Perfection Brand 4-8-7	Baltimore	**3.58**	2.42	**4.18**	4.00	**.85**	------	**8.55**	8.00	**7.30**	7.00	**29.53**	28.00
Half Century Perfection Brand 4-8-7	Baltimore	**3.50**	2.42	**4.20**	4.00	**.80**	------	**8.40**	8.00	**7.32**	7.00	**29.50**	28.00
New Process 10% Guano 10-5-0	Baltimore	**9.44**	7.29	**10.12**	10.00	**.50**	------	**5.50**	5.00	------	------	**44.96**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.42**	7.29	**9.93**	10.00	**.50**	------	**5.30**	5.00	------	------	**44.04**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.32**	7.29	**9.87**	10.00	**.50**	------	**5.70**	5.00	------	------	**44.12**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.38**	7.29	**9.82**	10.00	**.50**	------	**5.60**	5.00	------	------	**43.84**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.38**	7.29	**9.93**	10.00	**.40**	------	**5.60**	5.00	------	------	**44.26**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.53**	7.29	**10.14**	10.00	**.40**	------	**5.60**	5.00	------	------	**45.10**	44.00
New Process 10% Guano 10-5-0	Baltimore	**9.63**	7.29	**10.07**	10.00	**.50**	------	**5.30**	5.00	------	------	**44.60**	44.00
Nitrate of Soda	Baltimore	------	------	**18.96**	18.50	------	------	------	------	------	------	------	------
Peruvian Guano Substitute 5-8-5	Baltimore	**4.54**	3.65	**5.12**	5.00	**.80**	------	**9.00**	8.00	**5.08**	5.00	**31.86**	30.40
Peruvian Guano Substitute 5-8-5	Baltimore	**4.55**	3.65	**5.15**	5.00	**.80**	------	**8.10**	8.00	**5.36**	5.00	**31.49**	30.40
Peruvian Guano Substitute 5-8-5	Baltimore	**4.39**	3.65	**5.02**	5.00	**1.00**	------	**8.60**	8.00	**5.28**	5.00	**31.33**	30.40
Peruvian Guano Substitute 5-8-5	Baltimore	**4.60**	3.65	**5.15**	5.00	**1.15**	------	**8.05**	8.00	**5.36**	5.00	**31.50**	30.40
Peruvian Guano Substitute 5-8-5	Baltimore	**4.42**	3.65	**5.00**	5.00	**.95**	------	**8.95**	8.00	**5.36**	5.00	**31.59**	30.40
Phosphate and Potash Mix. 0-10-4	Baltimore	------	------	------	------	**.75**	------	**10.85**	10.00	**5.56**	4.00	**13.24**	11.20
Phosphate and Potash Mix. 0-10-10	Baltimore	------	------	------	------	**.40**	------	**11.90**	10.00	**9.72**	10.00	**17.36**	16.00
Phosphate and Potash Mix. 0-12-5	Baltimore	------	------	------	------	**1.00**	------	**12.20**	12.00	**5.32**	5.00	**14.17**	13.60
Phosphate and Potash Mix. 0-12-5	Baltimore	------	------	------	------	**.60**	------	**12.30**	12.00	**5.08**	5.00	**13.99**	13.60
Raw Bone Meal	Baltimore	------	------	**5.22**	4.50	------	------	***23.20**	*21.50	------	------	**34.80**	30.90
Raw Bone Meal	Baltimore	------	------	**6.36**	4.50	------	------	***18.95**	*21.50	------	------	**36.81**	30.90
Raw Bone Meal	Baltimore	------	------	**4.52**	4.50	------	------	***20.80**	*21.50	------	------	**30.56**	30.90
Special Tobacco Guano 4-8-4													

Raw Bone Meal	Baltimore			5.22	4.50			*23.20	*21.50			34.80	30.90
Raw Bone Meal	Baltimore			6.36	4.50			*18.95	*21.50			36.81	30.90
Raw Bone Meal	Baltimore			4.52	4.50			*20.80	*21.50			30.56	30.90
Special Tobacco Guano 4-8-4	Baltimore	3.36	2.42	4.13	4.00	.95		8.00	8.00	4.24	4.00	26.45	25.60
Special Tobacco Guano 4-8-4	Baltimore	3.38	2.42	3.98	4.00	1.00		8.20	8.00	4.16	4.00	25.96	25.60
Special Tobacco Guano 4-8-4	Baltimore	3.55	2.42	4.27	4.00	1.05		8.00	8.00	4.30	4.00	27.08	25.60
Special Tobacco Guano 4-8-4	Baltimore	3.42	2.42	4.10	4.00	.90		8.40	8.00	4.36	4.00	26.75	25.60
Sweet Potato Guano 3-8-8	Baltimore	2.46	1.83	3.04	3.00	.80		8.40	8.00	8.08	8.00	25.46	24.80
7% Potato Guano 7-6-5	Baltimore	4.16	4.86	7.20	7.00	.45		6.65	6.00	5.40	5.00	38.51	36.80
7% Potato Guano 7-6-5	Baltimore	6.04	4.86	6.86	7.00	.45		7.05	6.00	5.00	5.00	37.15	36.80
7% Potato Guano 7-6-5	Baltimore	6.01	4.86	6.93	7.00	.60		6.70	6.00	5.04	5.00	37.20	36.80
7% Potato Guano 7-6-5	Baltimore	6.23	4.86	6.98	7.00	.95		6.65	6.00	5.20	5.00	37.54	36.80
Wheat Fert. for Wheat and Gr's 2-9-3.	Baltimore	1.36	.90	2.01	2.00	.85		9.15	9.00	3.52	3.00	18.31	17.60
Beckley Fertilizer Company, Halfway, Md.													
Crop Grower	Halfway	.61	.60	1.02	1.00	.45		9.75	9.00	4.76	4.00	15.76	14.40
2-8-10	Halfway	1.57	.60	2.00	2.00	.95		9.65	8.00	9.60	10.00	23.54	22.40
J. Bolgiano Seed Company, Baltimore, Md.													
Square Deal Blood Meal	Baltimore			16.38	16.00								
Square Deal Bone Meal	Baltimore			4.85	3.00			*21.40	*22.00			32.24	25.20
Bon Arbor Chemical Company, Paterson, N. J.													
Unsurpassed Soluble Plant Life	Baltimore	18.75		19.02	19.00	.05		5.55	4.00	6.72	4.00	85.91	82.40
Herbert Bryant's Son, Alexandria, Va.													
Belle Haven Ammoniated	Bethesda	1.25	1.21	2.03	2.00	1.20		8.80	8.00	5.24	5.00	19.53	18.40
Genuine Fish and Potash	Gaithersburg	1.69		2.08	2.00	1.20		8.80	9.00	2.20	2.00	17.30	16.80
High Grade Fish and Potash	Bethesda	1.64	1.21	2.10	2.00	1.40		8.60	8.00	3.36	3.00	18.18	16.80
High Grade Tankage	Anacostia			7.54	7.00								
Central Chemical Company, Hagerstown, Md.													
"Gro-All" Dissolved Phosphate	Mt. Lake Park					1.30		20.00	20.00			16.20	16.00
"Gro-All" Dissolved Phosphate	Baltimore					.85		16.45	16.00			13.29	12.80
"MBW." Acid Phosphate	Baltimore					1.45		17.05	16.00			13.86	12.80
"Gro-All" Dissolved Phosphate	Frederick					.95		15.75	16.00			12.74	12.80
"Gro-All" Dissolved Phosphate	Baltimore					1.15		17.15	16.00			13.89	12.80
"Gro-All" Best Potato Manure	Baltimore	6.18	.60	7.17	7.00	.85		6.45	6.00	5.04	5.00	38.00	36.80
"Gro-All" Best Potato Manure	Hagerstown	6.20	.60	6.92	7.00	.65		6.95	6.00	5.36	5.00	37.63	36.80
"Gro-All" Crown Jewel	Frederick	.58	.60	1.09	1.00	.70		9.50	9.00	5.12	4.00	16.17	14.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Central Chemical Company, Hagerstown, Md. (Continued)													
"Gro-All" Crown Jewel	Hancock	.17	.60	1.06	1.00	.55	------	9.45	9.00	4.12	4.00	$15.18	$14.40
"Gro-All" Excelsior	Baltimore	1.66	.60	2.17	2.00	.60	------	8.70	8.00	5.40	5.00	20.05	18.40
"Gro-All" Excelsior	Baltimore	1.52	.60	2.12	2.00	1.25	------	7.95	8.00	5.08	5.00	19.09	18.40
"Gro-All" Excelsior	Frederick	1.28	.60	2.01	2.00	.90	------	8.10	8.00	5.32	5.00	18.92	18.40
"Gro-All" Fish and Potash Com.	Hancock	.50	.31	1.37	1.25	.80	------	8.80	9.00	4.36	4.00	16.13	15.40
"Gro-All" Franklin Special	Mt. Lake Park	2.31	.60	2.99	3.00	1.10	------	8.10	8.00	3.24	3.00	21.20	20.80
"MBW." Fruit Special	Baltimore	1.37	.60	1.98	2.00	.60	------	8.40	8.00	5.88	5.00	19.43	18.40
"MBW." Fruit Special	Baltimore	1.47	.60	2.03	2.00	.85	------	8.85	8.00	5.36	5.00	19.62	18.40
"MBW." Fruit Special	Baltimore	1.79	.60	2.05	2.00	.60	------	8.20	8.00	5.40	5.00	19.17	18.40
"MBW." Fruit Special	Baltimore	1.60	.60	1.98	2.00	.80	------	9.00	8.00	5.20	5.00	19.40	18.40
"Gro-All" Potash Special	Frederick	------	------	------	------	.70	------	12.30	12.00	5.00	5.00	13.95	13.60
"Gro-All" Potato Special	Frederick	3.43	.60	3.99	4.00	.75	------	8.05	8.00	7.34	7.00	28.38	28.00
"Gro-All" Truck and Potato Special	Baltimore	4.44	.60	4.90	5.00	.75	------	9.05	8.00	5.32	5.00	31.21	30.40
"MBW." 5-8-5	Baltimore	4.34	.60	5.02	5.00	.95	------	8.85	8.00	5.64	5.00	31.81	30.40
"MBW." 5-8-5	Preston	4.72	.60	4.98	5.00	.75	------	9.55	8.00	5.32	5.00	31.93	30.40
"Gro-All" Two-Ten-Four	Mt. Lake Park	1.57	.60	2.12	2.00	.40	------	10.80	10.00	4.40	4.00	20.70	19.20
"MBW." 4-8-4	Baltimore	3.63	------	4.04	4.00	.80	------	9.40	8.00	4.32	4.00	27.26	25.60
"Gro-All" Super Fish	Hancock	.96	.60	2.05	2.00	1.40	------	12.70	12.00	6.24	6.00	23.56	22.40
"Gro-All" Super Fish	Frederick	1.37	.60	2.10	2.00	1.45	------	12.05	12.00	7.14	6.00	23.97	22.40
"MBW." Wheat and Grass	Baltimore	------	------	------	------	1.75	------	10.05	10.00	5.64	5.00	12.81	12.00
L. E. P. Dennis & Son Company, Crisfield, Md.													
5-8-5 Fish Fertilizer	Crisfield	4.19	1.66	5.09	5.00	.25	------	8.85	8.00	5.24	5.00	31.67	30.40
5-8-5 Fish Fertilizer	Crisfield	4.20	1.66	5.02	5.00	.20	------	8.80	8.00	5.88	5.00	31.85	30.40
7% Fish Fertilizer	Crisfield	6.20	2.34	7.12	7.00	.35	------	6.45	6.00	5.20	5.00	37.85	36.80
7% Fish Fertilizer	Crisfield	5.99	2.34	7.03	7.00	.45	------	6.55	6.00	6.20	5.00	38.39	36.80
3-8-8 Fish Fertilizer	Crisfield	2.56	.85	3.19	3.00	.30	------	8.10	8.00	8.17	8.00	25.83	24.80
2-8-5 Fish Fertilizer	Crisfield	1.84	.67	2.35	2.00	.15	------	8.65	8.00	5.16	5.00	20.47	18.40
Devilbiss Brothers, New Windsor, Md.													
Butcher House 1-10-5	New Windsor		.82		1.09	1.00	.15		13.35	10.00	5.28	5.00	19.28	16.00

2-8-5 Fish Fertilizer	Crisfield	1.84	.67	2.35	2.00	.15	------	8.65	8.00	5.16	5.00	20.47	18.40
Devilbiss Brothers, New Windsor, Md.													
Butcher House 1-10-5	New Windsor	.82	------	1.09	1.00	.15	------	13.35	10.00	5.28	5.00	19.28	16.00
Wheat Grower 1-9-3	New Windsor	.61	.30	1.09	1.00	.20	------	11.40	9.00	3.32	3.00	16.17	13.60
Diamond Fertilizer Company, Baltimore, Md.													
Super Special	Baltimore	1.56	1.00	2.05	2.00	1.40	------	8.90	8.00	10.50	10.00	23.93	22.40
Wondr Grower	Baltimore	3.51	------	5.01	5.00	.45	------	8.95	8.00	5.36	5.00	31.56	30.40
Dorchester Fertilizer Company, Cambridge, Md.													
Dorco Champion 4-8-10	Cambridge	3.65	------	4.62	4.00	.75	------	8.45	8.00	10.32	10.00	33.61	30.40
Crop Compound, 4-8-7	Cambridge	3.95	2.30	4.26	4.00	.25	------	8.65	8.00	7.54	7.00	30.03	28.00
Farmers Delight 7-6-5	Cambridge	6.76	4.13	7.17	7.00	.45	------	7.05	6.00	5.84	5.00	39.06	36.80
Farmers Favorite 2-8-10	Cambridge	1.78	1.15	2.17	2.00	3.20	------	8.70	8.00	10.00	10.00	24.12	22.40
Farmers Favorite 2-8-10	Cambridge	1.66	------	2.00	2.00	.25	------	9.35	8.00	10.36	10.00	23.81	22.40
Fish Mixture 2-9-3	Cambridge	1.77	------	2.37	2.00	1.80	------	8.80	9.00	3.32	3.00	19.45	17.60
Fish Mixture 2-9-3	Cambridge	1.51	------	2.00	2.00	1.10	------	9.40	9.00	4.18	3.00	19.03	17.60
Gem 1-11-5	Cambridge	.68	.60	1.06	1.00	.40	------	11.20	11.00	5.56	5.00	17.71	16.80
Kainit 0-0-12.40	Cambridge	------	------	------	------	------	------	------	------	13.35	12.40	------	------
Our Special 2-8-5	Cambridge	1.81	1.15	2.17	2.00	.80	------	8.60	8.00	5.60	5.00	20.16	18.40
Our Special 2-8-5	Cambridge	2.10	1.15	2.41	2.00	.25	------	9.35	8.00	6.04	5.00	21.99	18.40
Sweet Potato Compound 3-8-8	Cambridge	2.56	1.40	3.00	3.00	1.05	------	8.35	8.00	9.20	8.00	26.20	24.80
Sweet Potato Compound 3-8-8	Cambridge	2.57	1.40	3.05	3.00	.65	------	8.95	8.00	9.40	8.00	26.98	24.80
Truck Grower 5-8-5	Cambridge	4.57	2.40	5.05	5.00	.55	------	9.85	8.00	5.60	5.00	33.04	30.40
Truck Grower 5-8-5	Cambridge	3.71	2.40	4.53	5.00	.60	------	8.80	8.00	5.24	5.00	29.44	30.40
Edelen Brothers, Baltimore, Md.													
Red Tobacco Guano	Baltimore	2.50	.60	3.17	3.00	.70	------	8.00	8.00	6.06	6.00	24.04	23.20
Red Tobacco Guano	Baltimore	2.75	.60	3.16	3.00	.70	------	8.10	8.00	6.30	6.00	24.27	23.20
Red Tobacco Guano	Baltimore	2.41	.60	2.99	3.00	.50	------	8.40	8.00	6.00	6.00	23.56	23.20
Red Tobacco Guano	Baltimore	2.61	.60	3.19	3.00	.65	------	8.35	8.00	6.40	6.00	24.66	23.20
Red Tobacco Guano	Baltimore	2.48	.60	2.99	3.00	.65	------	8.15	8.00	6.28	6.00	23.60	23.20
Red Tobacco Guano	Baltimore	2.46	.60	3.02	3.00	.60	------	8.50	8.00	6.24	6.00	23.96	23.20
Red Tobacco Guano	Baltimore	2.66	.60	3.17	3.00	.15	------	8.35	8.00	6.36	6.00	24.47	23.20
10% Tob. Bed Special with 2% Pot.	Baltimore	2.60	.60	2.99	3.00	.65	------	9.75	8.00	6.00	6.00	24.66	23.20
10% Tob. Bed Special with 2% Pot.	Baltimore	8.50	.60	9.87	10.00	.50	------	4.70	4.00	2.28	2.00	45.14	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.42	.60	9.79	10.00	.40	------	4.80	4.00	2.08	2.00	44.72	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.33	.60	9.78	10.00	.40	------	4.90	4.00	2.36	2.00	44.99	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.25	.60	9.63	10.00	.55	------	4.85	4.00	2.36	2.00	44.37	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.42	.60	9.75	10.00	.35	------	4.95	4.00	2.16	2.00	44.74	44.80
Wheat and Grain Mixture	Baltimore	8.57	.60	9.92	10.00	.60	------	4.70	4.00	2.00	2.00	45.13	44.80
		.49	.60	1.09	1.00	.60	------	9.30	9.00	4.00	4.00	15.09	14.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Edelen Brothers, Baltimore, Md. (Continued)													
Wheat and Grain Mixture	Baltimore	.70	.60	1.13	1.00	.75	------	9.45	9.00	4.36	4.00	$15.68	$14.40
Wheat and Grain Mixture	Baltimore	.38	.60	.99	1.00	.70	------	9.30	9.00	4.56	4.00	15.16	14.40
Wheat and Grain Mixture	Baltimore	.75	.60	1.19	1.00	.70	------	9.30	9.00	4.36	4.00	15.80	14.40
Wheat and Grain Mixture	Baltimore	.73	.60	1.04	1.00	.80	------	9.80	9.00	4.04	4.00	15.35	14.40
Excell Laboratories, Chicago, Ill.													
Zenkes "New Plant Life"	Baltimore	------	------	2.11	1.71	------	------	*1.10	*1.10	.52	.54	9.52	7.93
Farmers Fertilizer & Feed Company, Westminster, Md.													
Super Phosphate	Westminster	------	------	------	------	.95	------	17.25	16.00	------	------	13.94	12.80
Farmers Favorite 1-10-5	Westminster	.65	.60	1.13	1.00	.95	------	10.75	10.00	5.24	5.00	17.45	16.00
Potato Grower 2-8-5	Westminster	1.65	1.20	2.01	2.00	1.10	------	9.00	8.00	5.04	5.00	19.44	18.40
X X 1-9-3	Westminster	.44	.60	.99	1.00	1.00	------	9.70	9.00	3.76	3.00	14.88	13.60
X X X 1-9-4	Westminster	.58	.60	1.14	1.00	.80	------	10.10	9.00	4.76	4.00	16.57	14.40
Farmers & Planters Company, Salisbury, Md.													
Acid Phosphate	Salisbury	------	------	------	------	.30	------	15.40	16.00	------	------	12.37	12.80
Acid Phosphate	Salisbury	------	------	------	------	.30	------	17.30	16.00	------	------	13.89	12.80
Early Truck	Salisbury	3.58	3.34	3.87	4.00	1.10	------	8.40	8.00	4.54	4.00	26.00	25.60
Fish Mixture	Salisbury	1.56	1.52	2.00	2.00	1.00	------	10.30	10.00	3.30	2.00	19.03	17.60
General Crop Grower	Salisbury	.73	.97	1.16	1.00	1.70	------	9.60	10.00	2.56	2.00	14.63	13.60
High Grade 5%	Salisbury	3.87	3.65	4.16	5.00	.90	------	8.70	7.00	4.74	5.00	27.53	29.60
High Grade 7%	Salisbury	6.44	4.86	6.75	7.00	.80	------	6.90	6.00	5.04	5.00	36.67	36.80
Kainit	Salisbury	------	------	------	------	------	------	------	------	12.40	12.40	------	------
Rock and Kainit	Salisbury	------	------	------	------	.60	------	8.00	7.00	5.96	5.00	11.26	9.60
Special Fish Mixture	Salisbury	1.79	1.52	2.18	2.00	1.75	------	7.75	8.00	5.60	5.00	19.66	18.40
Special Potash Mixture	Salisbury	------	------	------	------	.85	------	10.65	12.00	6.30	5.00	13.69	13.60
Ford Motor Company, Detroit, Mich.													

Special Potash Mixture	Salisbury					.85		10.65	12.00	6.30	5.00	13.69	13.60
Ford Motor Company, Detroit, Mich.													
Ammonium Sulphate	Baltimore			25.53	25.00								
Frederick Mehring Fert. Works, Inc., Keymar, Md.													
Acid Phosphate	Keymar					1.05		16.65	16.00			13.48	12.80
Big Four	Keymar	.74		1.18	1.00	.95		8.95	9.00	4.28	4.00	15.44	14.40
Early Truck Guano	Keymar	3.85		4.16	4.00	.85		7.85	8.00	7.54	7.00	29.08	28.00
Mammoth Truck Grower	Keymar	1.62	1.03	2.15	2.00	.75		8.35	8.00	5.04	5.00	19.42	18.40
Potash Mixture	Keymar					.90		13.00	12.00	5.36	5.00	14.83	13.60
Gash-Stull Company, Chester, Pa.													
Young's Formula	Baltimore	6.74		7.42	8.00	.80		7.80	7.00	6.00	6.00	40.84	42.40
Young's Formula-Farmer's Special	Upper Marlboro			4.20	4.00	.95		10.85	10.00	6.12	6.00	30.52	28.80
Goulard & Olena, Inc., New York, N. Y.													
Garden Fertilizer	Baltimore	4.06		5.48	5.00	.40		9.00	8.00	5.04	5.00	33.21	30.40
Ground Bone	Baltimore			2.17	3.00			*31.60	*22.89			27.64	25.73
Lawn Fertilizer	Baltimore	3.61		5.15	5.00	.70		10.60	10.00			29.19	28.00
Sheep Manure	Baltimore			2.00	1.50			*2.20	*1.00	2.00	2.00	10.92	8.20
Griffith & Boyd Company, Baltimore, Md.													
Acid Phosphate H. G.	Baltimore					.95		17.15	16.00			13.86	12.80
Acid Phosphate H. G.	Baltimore					.25		16.85	16.00			13.52	12.80
Accomac Trucker	Baltimore	3.48	1.21	5.02	5.00	.30		6.90	6.00	6.18	5.00	30.59	28.80
Accomac Trucker	Baltimore	3.48	1.21	4.91	5.00	.50		6.60	6.00	5.20	5.00	29.16	28.80
Accomac Trucker	Baltimore	3.57	1.21	4.98	5.00	.50		7.60	6.00	5.36	5.00	30.37	28.80
Accomac Trucker	Baltimore	3.85	1.21	4.98	5.00	.95		6.85	6.00	6.16	5.00	30.47	28.80
Double Strength Tobacco Grower	Baltimore	1.71		3.14	3.00	.80		10.10	9.00	3.36	3.00	23.45	21.60
Fish and Potash Guano	Baltimore	1.31	.36	1.91	1.75	.60		10.50	10.00	3.80	3.00	19.17	17.40
Fish and Potash Guano	Baltimore	1.00	.36	1.77	1.75	.70		10.00	10.00	3.66	3.00	18.12	17.40
General Crop Grower	Baltimore	1.09	.48	2.08	2.00	.85		9.55	9.00	3.08	3.00	18.55	17.60
General Crop Grower	Baltimore	.94	.48	2.15	2.00	.60		9.30	9.00	4.10	3.00	19.41	17.60
Guilt Edge Crop Guano	Baltimore	1.23	.48	2.08	2.00	.70		8.60	8.00	10.16	10.00	23.44	22.40
Gilt Edge Crop Guano	Baltimore	1.24	.48	2.08	2.00	.70		8.60	8.00	10.60	10.00	23.79	22.40
Gilt Edge Crop Guano	Baltimore	1.32	.48	2.17	2.00	.70		8.30	8.00	10.60	10.00	23.91	22.40
Growers Favorite	Baltimore	3.09	.97	4.18	4.00	.15		8.65	8.00	4.38	4.00	27.16	25.60
Growers Favorite	Baltimore	2.97	.97	4.18	4.00	.40		8.70	8.00	4.74	4.00	27.53	25.60
High Grade Fish and Potash Mixture	Baltimore	.87	.48	2.15	2.00	.75		11.85	12.00	8.64	8.00	25.10	24.00
Kainit	Baltimore									16.04	12.40		

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Griffith & Boyd Company, Baltimore, Md. (Continued)													
Nitrate of Soda	Baltimore	------	------	18.78	18.00	------	------	------	------	------	------	------	------
Nitro Crop Feeder	Baltimore	6.28	3.65	7.27	8.00	.05	------	5.15	4.00	3.40	2.00	$35.93	$36.80
Peerless Fertilizer	Baltimore	.43	.24	1.08	1.00	.65	------	10.15	10.00	3.52	3.00	15.36	14.40
7% Potato Guano	Baltimore	5.29	1.83	7.18	7.00	.45	------	7.25	6.00	4.32	5.00	38.05	36.80
Pure Fine Ground Bone Meal	Baltimore	------	------	5.36	4.50	------	------	*22.20	*20.00	------	------	34.76	30.00
Pure Fine Ground Bone Meal	Baltimore	------	------	5.07	4.50	------	------	*21.90	*20.00	------	------	33.42	30.00
Royal Potash Guano	Baltimore	.82	.24	1.30	1.00	.75	------	9.15	9.00	4.72	4.00	16.40	14.40
Royal Potash Guano	Baltimore	1.00	.24	1.24	1.00	.90	------	9.20	9.00	4.40	4.00	15.98	14.40
Special Guano	Baltimore	1.45	.48	2.34	2.00	.60	------	8.20	8.00	5.72	5.00	20.59	18.40
Special Guano	Baltimore	1.43	.48	2.18	2.00	.65	------	8.95	8.00	5.48	5.00	20.36	18.40
Special Guano	Baltimore	1.44	.48	2.17	2.00	.65	------	8.85	8.00	5.32	5.00	20.12	18.40
Special Potato Guano	Baltimore	3.05	.73	3.73	4.00	.40	------	9.20	8.00	6.96	6.00	27.91	27.20
Spring Crop Grower	Baltimore	1.69	.60	2.73	2.50	.50	------	8.60	8.00	4.48	4.00	21.46	19.60
Spring Crop Grower	Baltimore	1.54	.60	2.56	2.50	.55	------	9.15	8.00	5.24	4.00	21.83	19.60
Strawberry Guano	Baltimore	3.69	1.21	5.09	5.00	.40	------	8.10	7.00	7.36	7.00	32.79	31.20
X X Potash Manure	Baltimore	------	------	------	------	.45	------	10.85	10.00	5.24	5.00	12.94	12.00
Griffith & Turner Company, Baltimore, Md.													
Ammoniated Alkaline Plant Food	Baltimore	.39	.24	1.06	1.00	.70	------	10.30	6.50	1.60	1.50	13.87	10.40
Ammoniated Alkaline Plant Food	Baltimore	.50	.24	.91	1.00	.68	------	5.92	6.50	1.48	1.50	9.66	10.40
Animal Bone Phosphate	Baltimore	2.34	.60	3.45	2.50	2.25	------	7.95	10.00	1.64	1.50	21.81	19.20
Ammoniated Butchers Bone	Baltimore	1.11	------	1.59	1.25	1.35	------	9.15	9.00	1.56	1.50	15.13	13.40
Gritco X L Plant Food	Baltimore	2.23	------	2.67	5.00	1.35	------	8.65	8.00	7.20	3.50	23.56	29.20
Gritco X L Plant Food	Baltimore	1.96	------	2.20	5.00	1.45	------	10.95	8.00	9.64	3.50	25.49	29.20
Soft Ground Bone	Baltimore	------	------	3.11	3.00	------	------	*14.50	*11.00	------	------	21.14	18.60
Soft Ground Bone	Baltimore	------	------	2.99	3.00	------	------	*16.40	*11.00	------	------	21.80	18.60
Special Potato Guano	Baltimore	.58	.24	1.13	1.00	.80	------	9.10	9.00	4.48	4.00	15.50	14.40
Special Potato Guano	Baltimore	.87	.24	1.38	1.00	.70	------	9.80	9.00	4.36	4.00	16.96	14.40
Special Truck Mixture	Baltimore	2.99	.97	4.01	4.00	.50	------	8.30	8.00	6.40	6.00	27.88	27.20

Special Potato Guano	Baltimore	.87	.24	1.38	1.00	.70	------	9.80	9.00	4.36	4.00	16.96	14.40
Special Truck Mixture	Baltimore	2.99	.97	4.01	4.00	.50	------	8.30	8.00	6.40	6.00	27.88	27.20
Special Truck Mixture	Baltimore	3.19	.97	3.79	4.00	.50	------	9.10	8.00	6.36	6.00	27.61	27.20
Tomato Grower	Baltimore	1.38	.48	2.18	2.00	.65	------	8.05	8.00	6.12	5.00	20.16	18.40
Hampstead Fertilizer Company, Hampstead, Md.													
Acid Phosphate 16%	Hampstead	------	------	------	------	1.10	------	17.20	16.00	------	------	13.93	12.80
1-8-4	Hampstead	.66	1.00	1.19	1.00	1.15	------	8.95	8.00	4.62	4.00	15.79	13.60
2-8-4	Hampstead	1.50	1.00	2.05	2.00	1.10	------	8.40	8.00	4.88	4.00	18.99	17.60
2-8-5	Hampstead	1.03	1.11	1.71	2.00	1.05	------	8.95	8.00	4.76	5.00	17.97	18.40
2-8-10	Hampstead	1.23	1.00	1.79	2.00	.45	------	9.25	8.00	11.56	10.00	23.88	22.40
H. F. Harr, Cockeysville, Md.													
2-8-5	Cockeysville	1.90	1.21	2.39	2.00	.40	------	8.10	8.00	5.20	5.00	20.26	18.40
2-8-2	Cockeysville	1.86	1.21	2.56	2.00	.95	------	10.05	8.00	4.60	2.00	22.10	16.00
Horsey, Roe & Company, Greensboro, Md.													
Superphosphate 16%	Greensboro	------	------	------	------	.60	------	18.30	16.00	------	------	14.73	12.80
Superphosphate 16%	Greensboro	------	------	------	------	.25	------	18.25	16.00	------	------	14.64	12.80
Corn Grower 0-8-7	Greensboro	------	------	------	------	.10	------	8.90	8.00	7.50	7.00	13.14	12.00
Crop Grower 0-8-7	Greensboro	------	------	------	------	.50	------	8.60	8.00	6.72	7.00	12.34	12.00
Crop Grower 1-9-4	Greensboro	.70	------	1.08	1.00	.85	------	10.05	9.00	4.32	4.00	15.95	14.40
5-8-5 Fertilizer	Greensboro	3.55	3.00	4.63	5.00	1.25	------	10.55	8.00	5.84	5.00	31.82	30.40
Kainit 12.40%	Greensboro	------	------	------	------	------	------	------	------	14.35	12.40	------	------
Tomato F. 3-8-8	Greensboro	2.34	1.50	3.07	3.00	.80	------	9.70	8.00	10.00	8.00	28.16	24.80
Tomato F. 3-8-8	Greensboro	2.17	1.50	3.02	3.00	1.25	------	9.25	8.00	8.16	8.00	26.20	24.80
3-8-4 Fertilizer	Greensboro	3.03	1.75	3.46	3.00	.05	------	7.95	8.00	4.52	4.00	23.83	21.60
2-8-5 Fertilizer	Greensboro	2.07	1.00	2.53	2.00	.55	------	8.35	8.00	5.32	5.00	21.14	18.40
2-8-5 Fertilizer	Greensboro	1.66	1.00	2.00	2.00	.55	------	8.55	8.00	5.60	5.00	19.40	18.40
Hubbard Fertilizer Company, Baltimore, Md.													
Super-phosphate 16%	Baltimore	------	------	------	------	.70	------	16.70	16.00	------	------	13.47	12.80
Super-phosphate 16%	Baltimore	------	------	------	------	.40	------	17.10	16.00	------	------	13.74	12.80
Alkaline 0-12-5	Baltimore	------	------	------	------	1.05	------	12.55	12.00	5.40	5.00	14.52	13.60
Alkaline 0-12-5	Preston	------	------	------	------	.70	------	12.70	12.00	5.24	5.00	14.46	13.60
Animal Tankage 9%	Baltimore	------	------	8.86	9.00	------	------	------	------	------	------	------	------
Farmers I. X. L. 2-9-3	Baltimore	1.66	1.00	2.15	2.00	.70	------	9.00	9.00	3.42	3.00	18.65	17.60
Farmers I. X. L. 2-9-3	Baltimore	1.65	1.00	2.18	2.00	.90	------	9.40	9.00	3.60	3.00	19.26	17.60
Farmers I. X. L. 2-9-3	Baltimore	1.83	1.00	2.29	2.00	.85	------	9.25	9.00	3.24	3.00	19.28	17.60
Farmers I. X. L. 2-9-3	Baltimore	1.64	1.00	2.10	2.00	.80	------	9.10	9.00	3.04	3.00	18.23	17.60
Jersey Trucker 2-8-10	Baltimore	1.47	1.00	2.05	2.00	1.15	------	8.55	8.00	10.72	10.00	23.79	22.40

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Hubbard Fertilizer Company, Baltimore, Md. (Continued)													
Jersey Trucker 2-8-10	Baltimore	**1.59**	1.00	**2.05**	2.00	**.75**	------	**8.35**	8.00	**11.66**	10.00	**$24.32**	$22.40
Jersey Trucker 2-8-10	Baltimore	**1.42**	1.00	**2.05**	2.00	**1.05**	------	**8.25**	8.00	**11.50**	10.00	**24.16**	22.40
Jersey Trucker 2-8-10	Preston	**1.35**	1.00	**1.93**	2.00	**.75**	------	**8.95**	8.00	**10.00**	10.00	**22.99**	22.40
Kainit	Baltimore	------	------	------	------	------	------	------	------	**12.96**	12.40	------	------
Kainit	Baltimore	------	------	------	------	------	------	------	------	**13.04**	12.40	------	------
Money Maker Fertilizer 2-8-5	Baltimore	**1.52**	1.00	**1.98**	2.00	**1.00**	------	**8.80**	8.00	**5.64**	5.00	**19.62**	18.40
Money Maker Fertilizer 2-8-5	Baltimore	**1.46**	1.00	**2.01**	2.00	**.85**	------	**8.00**	8.00	**5.28**	5.00	**18.79**	18.40
Money Maker Fertilizer 2-8-5	Baltimore	**1.55**	1.00	**2.06**	2.00	**.75**	------	**8.00**	8.00	**5.64**	5.00	**19.26**	18.40
Money Maker Fertilizer 2-8-5	Preston	**1.36**	1.00	**2.01**	2.00	**.80**	------	**8.70**	8.00	**5.12**	5.00	**19.22**	18.40
Money Maker Fertilizer 2-8-5	Baltimore	**1.64**	1.00	**2.12**	2.00	**.55**	------	**8.45**	8.00	**5.00**	5.00	**19.32**	18.40
New 5% Seal 5-8-5	Baltimore	**4.70**	3.00	**5.08**	5.00	**.70**	------	**8.50**	8.00	**5.68**	5.00	**31.77**	30.40
New 5% Seal 5-8-5	Baltimore	**4.40**	3.00	**4.91**	5.00	**.80**	------	**8.80**	8.00	**6.28**	5.00	**31.82**	30.40
New 5% Seal 5-8-5	Preston	**4.47**	3.00	**5.05**	5.00	**.60**	------	**8.70**	8.00	**5.74**	5.00	**31.84**	30.40
New 5% Seal 5-8-5	Baltimore	**4.57**	3.00	**5.00**	5.00	**.35**	------	**8.85**	8.00	**5.28**	5.00	**31.35**	30.40
New 5% Seal 5-8-5	Baltimore	**4.52**	3.00	**5.03**	5.00	**.80**	------	**9.40**	8.00	**5.00**	5.00	**31.76**	30.40
New 5% Seal 5-8-5	Baltimore	**4.61**	3.00	**5.17**	5.00	**.75**	------	**8.95**	8.00	**5.16**	5.00	**32.08**	30.40
New 5% Seal 5-8-5	Baltimore	**4.54**	3.00	**5.15**	5.00	**.35**	------	**9.35**	8.00	**5.00**	5.00	**32.13**	30.40
Noxall Guano 4-8-4	Baltimore	**3.33**	3.00	**4.13**	4.00	**.70**	------	**8.60**	8.00	**4.50**	4.00	**27.11**	25.60
Potato Fertilizer 4-8-7	Baltimore	**3.66**	3.29	**4.10**	4.00	**.55**	------	**8.45**	8.00	**7.32**	7.00	**29.10**	28.00
Potato Fertilizer 4-8-7	Baltimore	**3.58**	3.29	**3.99**	4.00	**.60**	------	**9.20**	8.00	**7.08**	7.00	**29.07**	28.00
7% Royal Seal 7-6-5	Baltimore	**6.08**	2.32	**6.52**	7.00	**.50**	------	**6.80**	6.00	**5.36**	5.00	**35.89**	36.80
7% Royal Seal 7-6-5	Baltimore	**6.49**	2.32	**7.00**	7.00	**.35**	------	**7.15**	6.00	**5.36**	5.00	**38.06**	36.80
Sulphate of Ammonia	Baltimore	------	------	**25.64**	25.00	------	------	------	------	------	------	------	------
3-8-8 Fertilizer	Baltimore	**2.18**	2.00	**2.73**	3.00	**1.15**	------	**8.05**	8.00	**11.28**	8.00	**26.55**	24.80
2-12-4 Fertilizer	Baltimore	**1.79**	1.00	**2.05**	2.00	**.55**	------	**12.05**	12.00	**4.64**	4.00	**21.63**	20.80
Maryland Milling & Supply Co., Sykesville, Md.													
Newmans Favorite	Sykesville	**1.66**	------	**2.17**	2.00	**.40**	------	**9.20**	8.00	**5.36**	5.00	**20.39**	18.40
Phosphate and Potash	Sykesville	------	------	------	------	**.85**	------	**13.45**	12.00	**5.64**	5.00	**15.40**	13.60
Massey & Wilmer, Chestertown, Md.													
Acid Phosphate H. G.	Ch												

Phosphate and Potash	Sykesville					.85		13.45	12.00	5.64	5.00	15.40	13.60
Massey & Wilmer, Chestertown, Md.													
Acid Phosphate H. G.	Chestertown					.25		18.35	16.00			14.72	12.80
Tom Jr. Superphosphate	Chestertown	4.54	4.25	5.19	5.00	.85		9.05	8.00	5.40	5.00	32.45	30.40
Trustworthy Superphosphate	Chestertown	1.35	1.21	2.00	2.00	1.05		8.45	8.00	5.64	5.00	19.43	18.40
Superphosphate	Chestertown					.60		13.30	12.00	5.04	5.00	14.76	13.60
Medford Fertilizer Works, Medford, Md.													
1-8-5	Medford	.46	.25	1.01	1.00	.85		9.35	8.00	5.64	5.00	16.16	14.40
2-8-5	Medford	1.59	.25	2.10	2.00	.25		9.75	8.00	5.62	5.00	20.74	18.40
Miller Fertilizer Company, Baltimore, Md.													
Grass and Grain 2-9-3	Rockville	1.35		2.00	2.00	.80		9.20	9.00	3.28	3.00	18.10	17.60
Harvest Queen 1-9-4	Baltimore	1.04		1.50	1.00	1.05		9.55	9.00	4.64	4.00	17.51	14.40
High Grade Potato Fertilizer 7-6-5	Jessups	6.64	5.00	6.98	7.00	.75		6.65	6.00	5.00	5.00	37.35	36.80
High Grade Potato Fertilizer 7-6-5	Baltimore	6.19	5.00	6.79	7.00	.55		6.95	6.00	5.32	5.00	37.06	36.80
Pimlico 2-8-10	Alesia	1.61	1.00	2.12	2.00	.70		8.50	8.00	10.72	10.00	23.97	22.40
Pure Ground Raw Bone	Baltimore			4.68	4.50			*21.50	*21.50			31.62	30.90
2-8-5	Rockville	1.23		2.01	2.00	1.35		8.25	8.00	5.32	5.00	19.10	18.40
Vegetable Compound 5-8-5	Jessups	4.61	3.00	5.00	5.00	.55		8.05	8.00	5.24	5.00	30.71	30.40
Vegetable Compound 5-8-5	Baltimore	4.68	3.00	5.19	5.00	.65		8.65	8.00	5.20	5.00	31.94	30.40
Vegetable Compound 5-8-5	Baltimore	4.33	3.00	5.15	5.00	1.05		8.35	8.00	5.04	5.00	31.47	30.40
G. Ober & Sons Company, Baltimore, Md.													
Acid Phosphate H. G.	Baltimore					.85		16.45	16.00			13.29	12.80
Acid Phosphate H. G	Baltimore					.65		16.85	16.00			13.58	12.80
Acid Phosphate H. G	Baltimore					.85		16.45	16.00			13.29	12.80
Acid Phosphate H. G	Baltimore					.70		17.00	16.00			13.71	12.80
Acid Phosphate H. G	Baltimore					.60		16.90	16.00			13.61	12.80
Acid Phosphate H. G	Baltimore					.75		16.95	16.00			13.67	12.80
Dried Blood	Baltimore			16.27	16.00								
Fruit and Vine Truck Guano	Baltimore	4.38	4.00	4.98	5.00	.95		7.85	8.00	5.72	5.00	30.92	30.40
Fruit and Vine Truck Guano	Baltimore	4.50	4.00	5.10	5.00	.85		8.00	8.00	5.36	5.00	31.22	30.40
Fruit and Vine Truck Guano	Baltimore	4.62	4.00	5.20	5.00	1.00		8.00	8.00	5.00	5.00	31.35	30.40
Fruit and Vine Truck Guano	Baltimore	4.40	4.00	4.98	5.00	1.20		8.80	8.00	5.00	5.00	31.14	30.40
Fruit and Vine Truck Guano	Baltimore	4.26	4.00	4.86	5.00	.85		8.45	8.00	5.04	5.00	30.36	30.40
Fruit and Vine Truck Guano	Baltimore	4.30	4.00	4.98	5.00	.90		9.10	8.00	5.00	5.00	31.34	30.40
Kainit	Baltimore									14.24	12.40		
Kainit	Baltimore									13.84	12.40		
Kainit	Baltimore									13.84	12.40		
Kainit	Baltimore									14.80	12.40		

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
G. Ober & Sons Company, (Con.)													
Kainit	Baltimore	------	------	------	------	------	------	------	------	**14.80**	12.40	------	------
Maryland Cigarette Tobacco Fert.	Baltimore	**4.33**	4.00	**5.20**	5.00	**1.20**	------	**8.30**	8.00	**5.20**	5.00	**$31.78**	$30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**4.23**	4.00	**5.19**	5.00	**1.00**	------	**8.00**	8.00	**5.32**	5.00	**31.57**	30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**4.44**	4.00	**5.19**	5.00	**.95**	------	**7.95**	8.00	**5.12**	5.00	**31.36**	30.40
Maryland Cigarette Tobacco Fert.	Baltimore	**4.30**	4.00	**4.93**	5.00	**1.00**	------	**8.30**	8.00	**5.00**	5.00	**30.51**	30.40
Maryland Tobacco Growers Special	Baltimore	**4.08**	4.00	**5.00**	5.00	**.90**	------	**8.00**	8.00	**7.12**	7.00	**32.24**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.06**	4.00	**4.81**	5.00	**.80**	------	**8.30**	8.00	**7.36**	7.00	**31.89**	32.00
Maryland Tobacco Growers Special	Baltimore	**4.33**	4.00	**5.03**	5.00	**.65**	------	**8.25**	8.00	**7.60**	7.00	**32.90**	32.00
Muriate of Potash	Baltimore	------	------	------	------	------	------	------	------	**51.60**	50.00	------	------
Nitrate of Soda	Baltimore	------	------	**19.16**	18.00	------	------	------	------	------	------	------	------
Nitrate of Soda	Baltimore	------	------	**18.84**	18.00	------	------	------	------	------	------	------	------
Nitrate of Soda	Baltimore	------	------	**18.54**	18.00	------	------	------	------	------	------	------	------
Pure Raw Bone Meal	Goldsboro	------	------	**4.28**	4.50	------	------	***23.10**	*21.00	------	------	**30.98**	30.60
Red Seal Tobacco Fertilizer	Baltimore	**3.28**	3.20	**4.06**	4.00	**1.10**	------	**8.00**	8.00	**5.20**	5.00	**26.97**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.33**	3.20	**4.01**	4.00	**1.25**	------	**7.95**	8.00	**5.20**	5.00	**26.75**	26.40
Red Seal Tobacco Fertilizer	Baltimore	**3.12**	3.20	**4.08**	4.00	**.90**	------	**8.00**	8.00	**5.08**	5.00	**26.92**	26.40
Refined Bone Meal	Baltimore	------	------	**3.41**	3.00	------	------	***26.80**	*22.00	------	------	**29.72**	25.20
Royal Crown Tobacco Guano	Baltimore	**3.53**	3.20	**4.13**	4.00	**.85**	------	**8.65**	8.00	**10.24**	10.00	**31.76**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.59**	3.20	**4.10**	4.00	**1.10**	------	**8.10**	8.00	**10.56**	10.00	**31.50**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.19**	3.20	**4.04**	4.00	**1.10**	------	**7.70**	8.00	**10.36**	10.00	**30.78**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.55**	3.20	**4.20**	4.00	**1.05**	------	**7.75**	8.00	**10.08**	10.00	**31.22**	30.40
Royal Crown Tobacco Guano	Baltimore	**3.45**	3.20	**4.10**	4.00	**1.00**	------	**8.20**	8.00	**10.00**	10.00	**31.11**	30.40
Special Compound for Tobacco	Baltimore	**2.34**	2.40	**3.02**	3.00	**1.00**	------	**7.90**	8.00	**4.04**	3.00	**21.78**	20.80
Special Compound for Tobacco	Baltimore	**2.71**	2.40	**3.20**	3.00	**1.15**	------	**8.15**	8.00	**3.20**	3.00	**22.05**	20.80
Special Compound for Tobacco	Baltimore	**2.51**	2.40	**2.99**	3.00	**.70**	------	**8.00**	8.00	**5.46**	3.00	**22.84**	20.80
Special Compound for Tobacco	Baltimore	**2.65**	2.40	**3.21**	3.00	**.95**	------	**8.45**	8.00	**3.36**	3.00	**22.43**	20.80
Special Plant Food	Baltimore	**1.62**	1.60	**2.01**	2.00	**1.05**	------	**8.75**	9.00	**5.20**	5.00	**19.36**	19.20
Special Plant Food	Baltimore	**1.75**	1.60	**2.18**	2.00	**1.20**	------	**8.80**	9.00	**5.32**	5.00	**20.20**	19.20
Special Plant Food	Baltimore	**1.52**	1.60	**2.08**	2.00	**1.30**	------	**8.30**	9.00	**5.32**	5.00	**19.42**	19.20
Special Plant Food	Baltimore	**1.66**	1.60	**2.17**	2.00	**.80**	------	**9.00**	9.00	**5.36**	5.00	**20.29**	19.20
Special Plant Food	Baltimore	**1.67**	1.60	**2.05**	2.00	**1.65**	------	**8.95**	9.00	**5.24**	5.00	**19.80**	19.20
Special Plant Food	Baltimore	**1.62**	1.60	**1.89**	2.00	**1.10**	------	**8.30**	9.00	**5.24**	5.00	**18.56**	19.20
Special Tobacco Bed Fertilizer	Baltimore	**8.94**	9.00	**9.40**	10.00	**1.05**	------	**5.45**	5.00	**2.04**	2.00	**43.75**	45.60
Special Tobacco Bed Fertilizer	Baltimore	**9.02**	9.00	**9.60**	10.00	**1.00**	------	**5.80**	5.00	**2.00**	2.00	**44.75**	45.60

Special Plant Food	Baltimore	1.67	1.60	2.05	2.00	1.65	------	8.95	9.00	5.24	5.00	19.80	19.20
Special Plant Food	Baltimore	1.62	1.60	1.89	2.00	1.10	------	8.30	9.00	5.24	5.00	18.56	19.20
Special Tobacco Bed Fertilizer	Baltimore	8.94	9.00	9.40	10.00	1.05	------	5.45	5.00	2.04	2.00	43.75	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.02	9.00	9.60	10.00	1.00	------	5.80	5.00	2.00	2.00	44.79	45.60
Special Tobacco Bed Fertilizer	Baltimore	8.95	9.00	9.50	10.00	1.05	------	5.65	5.00	2.00	2.00	44.28	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.09	9.00	9.57	10.00	1.05	------	5.35	5.00	2.12	2.00	44.42	45.60
Special Tobacco Bed Fertilizer	Baltimore	8.88	9.00	9.46	10.00	.90	------	5.50	5.00	2.00	2.00	43.98	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.09	9.00	9.47	10.00	1.15	------	5.25	5.00	2.08	2.00	43.91	45.60
Special Tobacco Bed Fertilizer	Baltimore	8.86	9.00	9.30	10.00	1.25	------	5.45	5.00	2.04	2.00	43.38	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.02	9.00	9.46	10.00	1.25	------	5.45	5.00	2.04	2.00	44.02	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.13	9.00	9.56	10.00	1.25	------	5.15	5.00	2.04	2.00	44.18	45.60
Special Tobacco Bed Fertilizer	Baltimore	9.21	9.00	9.59	10.00	1.10	------	5.40	5.00	2.00	2.00	44.45	45.60
Stag Guano	Baltimore	.97	.80	1.43	1.00	1.40	------	9.40	9.00	4.52	4.00	17.07	14.40
Stag Guano	Baltimore	.82	.80	1.28	1.00	1.40	------	9.80	9.00	4.32	4.00	16.63	14.40
Stag Guano	Baltimore	.85	.80	1.19	1.00	1.50	------	9.20	9.00	4.36	4.00	15.84	14.40
Stag Guano	Baltimore	.33	.80	1.18	1.00	1.55	------	10.00	9.00	4.34	4.00	16.42	14.40
Stag Guano	Baltimore	.73	.80	1.19	1.00	1.70	------	9.10	9.00	4.66	4.00	16.03	14.40
Stand. Southern Vegetable Com. 7%	Baltimore	4.98	5.60	6.79	7.00	.50	------	6.60	6.00	5.36	5.00	36.81	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.58	5.60	6.91	7.00	.75	------	6.35	6.00	5.36	5.00	37.12	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.60	5.60	6.76	7.00	.65	------	6.25	6.00	5.32	5.00	36.40	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.47	5.60	6.49	7.00	.65	------	6.35	6.00	5.82	5.00	35.80	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.89	5.60	7.08	7.00	.65	------	6.15	6.00	5.16	5.00	37.47	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.68	5.60	6.79	7.00	.70	------	6.10	6.00	5.12	5.00	36.25	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.79	5.60	7.00	7.00	.75	------	6.25	6.00	5.00	5.00	37.11	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.54	5.60	6.65	7.00	.75	------	6.45	6.00	5.20	5.00	36.03	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.26	5.60	6.44	7.00	.90	------	8.50	6.00	5.00	5.00	36.70	36.80
Stand. Southern Vegetable Com. 7%	Baltimore	5.59	5.60	6.67	7.00	.85	------	6.65	6.00	5.52	5.00	36.55	36.80
Starkey Truck Compound	Baltimore	3.55	3.20	3.98	4.00	.90	------	8.00	8.00	5.20	5.00	26.62	26.40
Starkey Truck Compound	Baltimore	3.48	3.20	4.01	4.00	1.05	------	8.05	8.00	5.16	5.00	26.77	26.40
Starkey Truck Compound	Baltimore	3.67	3.20	4.01	4.00	.90	------	8.10	8.00	5.20	5.00	26.82	26.40
Starkey Truck Compound	Baltimore	3.52	3.20	3.98	4.00	.65	------	7.80	8.00	5.32	5.00	26.52	26.40
Sulphate of Ammonia	Baltimore	------	------	25.26	25.00	------	------	------	------	------	------	------	------
Sulphate of Ammonia	Baltimore	------	------	25.12	25.00	------	------	------	------	------	------	------	------
Sulphate of Ammonia	Baltimore	------	------	25.64	25.00	------	------	------	------	------	------	------	------
Sulphate of Potash	Baltimore	------	------	------	------	------	------	------	------	49.72	48.00	------	------
Sulphate of Potash	Baltimore	------	------	------	------	------	------	------	------	49.66	48.00	------	------
Sulphate of Potash	Baltimore	------	------	------	------	------	------	------	------	50.44	48.00	------	------
Superior Potato and Vegetable Grower	Baltimore	1.62	1.60	2.06	2.00	1.60	------	7.90	8.00	10.24	10.00	22.99	22.40
Superior Potato and Vegetable Grower	Baltimore	1.60	1.60	2.08	2.00	1.45	------	7.85	8.00	10.16	10.00	22.95	22.40
Superior Potato and Vegetable Grower	Baltimore	1.84	1.60	2.18	2.00	1.00	------	7.90	8.00	10.40	10.00	23.51	22.40
Superior Potato and Vegetable Grower	Baltimore	1.61	1.60	2.00	2.00	1.60	------	7.30	8.00	10.80	10.00	22.72	22.40
Superior Potato and Vegetable Grower	Baltimore	1.65	1.60	2.08	2.00	1.50	------	7.70	8.00	10.00	10.00	22.71	22.40
Superior Potato and Vegetable Grower	Baltimore	1.55	1.60	1.98	2.00	1.60	------	7.15	8.00	10.90	10.00	22.60	22.40
Superior Potato and Vegetable Grower	Baltimore	1.69	1.60	2.13	2.00	1.00	------	8.00	8.00	10.08	10.00	23.13	22.40
Superior Potato and Vegetable Grower	Baltimore	1.75	1.60	2.18	2.00	1.25	------	7.85	8.00	10.32	10.00	23.45	22.40
Swan E Guano	Baltimore	1.41	1.60	2.01	2.00	1.20	------	8.70	9.00	3.00	3.00	17.58	17.60

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
G. Ober & Sons Company, Baltimore, Md. (Continued)													
Swan E Guano	Baltimore	**1.56**	1.60	**2.00**	2.00	**1.65**	------	**8.35**	9.00	**3.36**	3.00	**$17.62**	$17.60
Swan E Guano	Baltimore	**1.89**	1.60	**2.18**	2.00	**1.15**	------	**8.65**	9.00	**5.40**	3.00	**20.13**	17.60
Sweet Potato Grower	Baltimore	**2.64**	2.40	**3.02**	3.00	**1.10**	------	**7.40**	8.00	**8.00**	8.00	**24.57**	24.80
Sweet Potato Grower	Baltimore	**2.75**	2.40	**3.19**	3.00	**1.15**	------	**7.55**	8.00	**8.32**	8.00	**25.63**	24.80
Sweet Potato Grower	Baltimore	**2.59**	2.40	**3.14**	3.00	**1.60**	------	**7.40**	8.00	**8.32**	8.00	**25.38**	24.80
Sweet Potato Grower	Baltimore	**2.64**	2.40	**3.02**	3.00	**1.15**	------	**8.25**	8.00	**8.24**	8.00	**25.44**	24.80
Super Wheat and Grain Grower	Baltimore	**2.17**	2.40	**2.99**	3.00	**2.70**	------	**12.00**	12.00	**3.24**	3.00	**24.56**	24.00
Super Wheat and Grain Grower	Baltimore	**2.73**	2.40	**3.14**	3.00	**1.05**	------	**11.55**	12.00	**3.32**	3.00	**24.62**	24.00
Twelve and Five Potash Compound	Baltimore	------	------	------	------	**1.18**	------	**11.82**	12.00	**4.60**	5.00	**13.32**	13.60
Old Gardener Company, Pittsburgh, Pa.													
Old Gardener Fertilizer	Baltimore	**2.95**	------	**3.21**	3.04	**2.50**	------	**9.90**	10.00	**4.36**	4.00	**24.63**	23.36
Pacific Manure & Fertilizer Co.,													
Groz-It Pulverized Sheep Manure	Baltimore	------	------	**1.81**	1.80	------	------	***.50**	*1.25	**3.12**	3.00	**10.04**	10.35
Patuxent Guano Company, Baltimore, Md.													
Beaver Brand Guano	Baltimore	**.71**	.60	**1.14**	1.00	**.85**	------	**9.45**	9.00	**4.00**	4.00	**15.45**	14.40
Champion Fertilizer	Baltimore	**1.60**	.60	**2.18**	2.00	**.60**	------	**8.10**	8.00	**5.12**	5.00	**19.39**	18.40
Champion Fertilizer	Baltimore	**1.49**	.60	**2.00**	2.00	**.75**	------	**7.85**	8.00	**5.20**	5.00	**18.55**	18.40
Early Trucker	Baltimore	**4.58**	.60	**5.14**	5.00	**1.18**	------	**11.22**	7.00	**5.36**	5.00	**34.01**	29.60
Tip Top Fertilizer	Baltimore	**1.55**	1.02	**2.06**	2.00	**.50**	------	**8.60**	8.00	**11.40**	10.00	**24.32**	22.40
Tobacco Fertilizer	Baltimore	**3.53**	.60	**4.01**	4.00	**.50**	------	**8.30**	8.00	**7.64**	7.00	**28.87**	28.00
Tobacco Fertilizer	Baltimore	**3.58**	.60	**3.99**	4.00	**.55**	------	**8.85**	8.00	**7.80**	7.00	**29.36**	28.00
Peerless Fertilizer Company, Chestertown, Md.													
Acid Phosphate 0-16-0	Chestertown	------	------	------	------	**2.20**	------	**16.10**	16.00	------	------	**13.21**	12.80
Acid Phosphate 0-16-0	Chestertown	------	------	------	------	**.25**	------	**16.35**	16.00	------	------	**13.12**	12.80
American Standard 4-6-5	Chestertown	**3.93**	1.83	**5.09**	4.00	**1.25**	------	**7.25**	6.00	**6.00**	5.00	**31.15**	24.80
American Standard 4-6-5	Chestertown	**3.52**	1.83	**4.10**	4.00	**.45**	------	**6.85**	6.00	**5.76**	5.00	**26.51**	[illegible]

Acid Phosphate 0-16-0	Chestertown					.25		16.35	16.00			13.12	12.80
American Standard 4-6-5	Chestertown	3.93	1.83	5.09	4.00	1.25		7.25	6.00	6.00	5.00	31.15	24.80
American Standard 4-6-5	Chestertown	3.52	1.83	4.10	4.00	.45		6.85	6.00	5.76	5.00	26.56	24.80
Corn Fertilizer 1-9-4	Chestertown	.90	.48	1.16	1.00	1.00		10.10	9.00	4.40	4.00	16.39	14.40
Corn Fertilizer 1-9-4	Chestertown	.75	.48	1.06	1.00	.35		9.35	9.00	5.36	4.00	16.06	14.40
Early Trucker 5-8-5	Chestertown	3.82	2.42	5.12	5.00	1.15		8.25	8.00	6.00	5.00	32.05	30.40
Early Trucker 5-8-5	Chestertown	4.42	2.42	5.02	5.00	.50		8.20	8.00	5.56	5.00	31.17	30.40
Fish Mixture 3-8-7	Chestertown	2.39	1.52	3.19	3.00	.60		8.00	8.00	8.04	7.00	25.68	24.00
Fish Mixture 3-8-7	Chestertown	2.30	1.52	3.00	3.00	.90		8.30	8.00	7.00	7.00	24.38	24.00
Half and Half Rock and Kainit 0-8-6	Chestertown					.65		9.15	8.00	7.14	6.00	13.13	11.20
Half and Half Rock and Kainit 0-8-6	Chestertown					.40		9.90	8.00	6.00	6.00	12.78	11.20
Kainit 0-0-12.40	Chestertown									13.81	12.40		
Kainit 0-0-12.40	Chestertown									16.44	12.40		
Peerless 2-8-5	Chestertown	1.45	.90	2.01	2.00	.70		8.50	8.00	5.36	5.00	19.24	18.40
Mixed to Order 4-8-10	Chestertown	3.60	1.83	4.18	4.00	.50		8.80	8.00	11.44	10.00	32.99	30.40
Sweet Potato 2-7-7	Chestertown	1.49	.90	2.17	2.00	.75		7.85	7.00	7.68	7.00	21.21	19.20
Sweet Potato 2-7-7	Chestertown	1.45	.90	2.05	2.00	.45		7.25	7.00	7.62	7.00	20.17	19.20
Piedmont Mt. Airy Guano Co., Baltimore, Md.													
Farmers Favorite	Baltimore	.73	.32	1.11	1.00	1.05		8.95	9.00	4.36	4.00	15.25	14.40
5-8-5 Fertilizer	Baltimore	4.33	1.66	4.81	5.00	1.55		8.10	8.00	5.86	5.00	30.64	30.40
5-8-5 Fertilizer	Baltimore	4.35	1.66	5.00	5.00	2.60		7.00	8.00	5.68	5.00	30.53	30.40
5-8-5 Fertilizer	Baltimore	4.44	1.66	5.00	5.00	2.25		6.95	8.00	5.60	5.00	30.38	30.40
Gold Rod	Baltimore	5.66	2.34	6.10	7.00	.90		7.30	6.00	5.40	5.00	34.70	36.80
H. G. Ammoniated Phos. and Potash	Mt. Lake Park	2.59	1.00	2.93	3.00	.20		8.70	8.00	3.76	3.00	21.72	20.80
H. G. Ammoniated Phos. and Potash	Baltimore	3.23	1.00	3.64	3.00	.75		8.65	8.00	3.74	3.00	24.58	20.80
Kainit	Baltimore									13.11	12.40		
Perfection Guano	Baltimore	1.57	.67	2.12	2.00	1.60		8.00	8.00	5.36	5.00	19.41	18.40
Tankage	Baltimore			10.93	9.00			*6.30	*10.00			47.50	42.00
Peruvian Guano 10%	Baltimore	7.74		8.90	10.00	1.60		6.70	5.00	2.36	2.00	43.09	45.60
Peruvian Guano 10%	Baltimore	7.82		9.22	10.00	1.45		6.75	5.00	2.32	2.00	44.36	45.60
Peruvian Guano 10%	Baltimore	7.98		9.23	10.00	1.35		6.45	5.00	2.66	2.00	41.41	45.60
2-12-2 Fertilizer	Mt. Lake Park	1.53	.67	2.13	2.00	2.05		11.85	12.00	2.60	2.00	20.39	19.20
Unexcelled Guano	Baltimore	3.24	1.31	3.65	4.00	1.20		8.00	8.00	4.36	4.00	24.67	25.60
Wheat Compound	Earleville					1.05		13.15	12.00	4.66	5.00	14.41	13.60
Plant Products Co., Balto., Md.													
Plantabbs	Baltimore	13.26		13.60	13.35			*19.60	*17.00	25.76	20.00	86.77	79.60
Pulverized Manure Co., Chicago, Ill.													
Wizard Brand Cattle Manure	Baltimore			2.29	2.10			*1.30	*1.00	1.24	1.00	10.93	9.80
Wizard Brand Sheep Manure	Baltimore			2.68	2.43			*1.30	*1.25	2.00	2.00	13.10	12.07
Wizard Brand Sheep Manure	Baltimore			2.70	2.43			*1.20	*1.25	2.04	2.00	13.15	12.07
Wizard Brand Sheep Manure	Baltimore			2.32	2.43			*1.70	*1.25	2.16	2.00	12.03	12.07

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Ramsburg Fertilizer Co., Inc., Frederick, Md.													
Super Phosphate	Myersville	------	------	------	------	.65	------	16.95	16.00	------	------	$13.66	$12.80
Ammoniated Bone Phosphate	Frederick	.64	------	1.13	1.00	1.25	------	11.45	10.00	4.04	3.00	17.10	14.40
Corn and Potato Fertilizer	Frederick	.58	------	1.09	1.00	.90	------	11.70	10.00	5.88	5.00	18.56	16.00
Excelsior Plant Food	Frederick	1.06	------	1.71	2.00	.55	------	12.55	12.00	3.16	2.00	19.49	19.20
Old Virginia Compound	Frederick	.53	------	.99	1.00	.75	------	12.25	10.00	6.12	5.00	18.77	16.00
Special Mix. for Potatoes and Tob.	Frederick	.99	------	1.62	2.00	.65	------	12.05	8.00	6.00	6.00	21.02	19.20
Rasin-Monumental Company, Baltimore, Md.													
Best Tomato and Fruit Formula	Baltimore	2.52	1.52	3.00	3.00	1.80	------	10.60	10.00	6.24	6.00	25.74	24.80
Double Royal Brand	Baltimore	3.63	2.01	4.01	4.00	1.50	------	16.20	16.00	6.20	6.00	34.19	33.60
Eastern Shore Potato Special	Baltimore	6.16	4.20	7.00	7.00	1.25	------	6.75	6.00	5.20	5.00	37.75	36.80
Seawall Truck Compound	Baltimore	4.32	2.97	4.93	5.00	1.20	------	9.10	8.00	5.04	5.00	31.21	30.40
Seawall Truck Compound	Baltimore	4.26	2.97	4.81	5.00	1.25	------	9.15	8.00	5.12	5.00	30.85	30.40
Seawall Truck Compound	Baltimore	4.42	2.97	5.02	5.00	1.35	------	9.15	8.00	5.16	5.00	31.73	30.40
Universal Crop Manure	Baltimore	1.53	.78	2.18	2.00	1.55	------	8.55	8.00	5.40	5.00	20.11	18.40
Reindollar Company, Taneytown, Md.													
Acid Phosphate	Taneytown	------	------	------	------	.60	------	17.00	16.00	------	------	13.69	12.80
Grain Grower	Taneytown	1.33	------	2.08	2.00	1.70	------	11.20	10.00	5.36	5.00	21.83	20.00
Rock and Potash	Taneytown	------	------	------	------	.55	------	15.15	12.00	6.24	6.00	17.19	14.40
Roberts Chemical Company, Baltimore, Md.													
Ferti-Tabs	Baltimore	------	------	14.04	14.59	------	------	*18.90	*18.00	20.00	20.00	83.50	85.16
F. S. Royster Guano Company, Baltimore, Md.													
Acid Phosphate	Mt. Lake Park	------	------	------	------	1.35	------	20.75	20.00	------	------	16.80	16.00
Arrow 7% Potato Guano	Baltimore	5.82	4.66	6.98	7.00	1.05	------	6.95	6.00	5.24	5.00	37.83	36.80
Arrow 7% Potato Guano	Baltimore	5.84	4.66	6.88	7.00	1.40	------	6.60	6.00	5.36	5.00	37.30	36.80
Banner Guano	Baltimore	1.40	1.33	2.17	2.00	.80		9.70	8.00	10.08	10.00	24.62	22.40

Acid Phosphate	Mt. Lake Park	------	------	------	------	1.35	------	20.75	20.00	------	------	16.86	16.00
Arrow 7% Potato Guano	Baltimore	5.82	4.66	6.98	7.00	1.05	------	6.95	6.00	5.24	5.00	37.83	36.80
Arrow 7% Potato Guano	Baltimore	5.84	4.66	6.88	7.00	1.40	------	6.60	6.00	5.36	5.00	37.30	36.80
Banner Guano	Baltimore	1.40	1.33	2.17	2.00	.80	------	9.70	8.00	10.08	10.00	24.62	22.40
Banner Guano	Baltimore	1.35	1.33	2.08	2.00	1.00	------	8.10	8.00	10.50	10.00	23.35	22.40
Bully Guano	Baltimore	1.42	1.33	2.15	2.00	.60	------	8.50	8.00	5.28	5.00	19.71	18.40
Bully Guano	Baltimore	1.46	1.33	2.18	2.00	.70	------	8.00	8.00	5.28	5.00	19.45	18.40
Bully Guano	Baltimore	1.40	1.33	2.10	2.00	.55	------	8.65	8.00	5.24	5.00	19.59	18.40
Bully Guano	Washington Grove	1.38	1.33	2.15	2.00	1.35	------	8.85	8.00	5.04	5.00	19.91	18.40
Comet Guano	Baltimore	2.17	2.00	2.99	3.00	.80	------	10.60	10.00	7.52	6.00	26.58	24.80
Ideal Guano	Baltimore	2.04	2.00	3.17	3.00	.95	------	8.65	8.00	8.40	8.00	26.46	24.80
Nitrate of Soda	Baltimore	------	------	19.12	18.24	------	------	------	------	------	------	------	------
Perfecto Tobacco Guano	Baltimore	4.32	3.33	5.00	5.00	.65	------	8.75	8.00	5.00	5.00	31.10	30.40
Prize Tobacco Guano	Baltimore	3.60	2.66	4.15	4.00	.55	------	8.65	8.00	10.40	10.00	31.92	30.40
Prize Tobacco Guano	Baltimore	3.55	2.66	4.13	4.00	.50	------	8.90	8.00	10.32	10.00	31.98	30.40
Rational Guano	Baltimore	.33	.66	1.11	1.00	2.00	------	9.30	9.00	4.60	4.00	15.86	14.40
Scout Guano	Baltimore	1.82	1.33	2.20	2.00	1.20	------	8.90	8.00	9.20	7.00	23.46	20.00
Sulphate of Ammonia	Baltimore	------	------	25.60	25.00	------	------	------	------	------	------	------	------
10% Tobacco Dresser	Baltimore	8.76	6.66	10.02	10.00	.85	------	5.85	5.00	2.36	2.00	46.78	45.60
10% Tobacco Dresser	Baltimore	8.16	6.66	9.37	10.00	.85	------	6.25	5.00	2.92	2.00	44.95	45.60
Trucker's Delight	Baltimore	3.03	2.66	4.04	4.00	.55	------	8.35	8.00	4.40	4.00	26.44	25.60
Trucker's Delight	Baltimore	3.04	2.66	4.01	4.00	.60	------	8.90	8.00	4.32	4.00	26.71	25.60
Trucker's Delight	Washington Grove	3.17	2.66	3.99	4.00	.95	------	8.75	8.00	4.24	4.00	26.49	25.60
Trucker's Delight	Baltimore	3.13	2.66	3.91	4.00	1.00	------	9.30	8.00	4.36	4.00	26.72	25.60
Verbena Guano	Baltimore	4.06	3.33	4.98	5.00	1.45	------	8.55	8.00	5.40	5.00	31.30	30.40
Verbena Guano	Baltimore	3.48	3.33	5.05	5.00	.80	------	8.10	8.00	5.36	5.00	31.09	30.40
R. H. Slingluff Fertilizer Company, Baltimore, Md.													
Big and Bright Tobacco Grower	Baltimore	3.60	2.42	4.06	4.00	.40	------	9.10	8.00	5.40	5.00	27.90	26.40
Big and Bright Tobacco Grower	Baltimore	3.52	2.42	4.13	4.00	.20	------	8.90	8.00	5.20	5.00	27.83	26.40
Big and Bright Tobacco Grower	Baltimore	3.16	2.42	3.98	4.00	.35	------	8.85	8.00	5.24	5.00	27.24	26.40
General Crop Grower	Baltimore	1.30	.60	2.05	2.00	.90	------	8.60	8.00	3.28	3.00	17.84	16.80
Master Trucker	Clinton	4.40	.60	5.12	5.00	.95	------	7.95	7.00	5.50	5.00	31.38	29.60
Southern Maryland Tobacco Special	Clinton	1.57	.60	2.03	2.00	.70	------	10.20	10.00	7.12	7.00	22.09	21.60
Southern Maryland Tobacco Special	Baltimore	1.30	.60	2.05	2.00	.55	------	10.35	10.00	7.08	7.00	22.22	21.60
Southern Maryland Tobacco Special	Baltimore	1.67	.60	2.05	2.00	.55	------	10.65	10.00	7.16	7.00	22.53	21.60
Standard Phosphate	Baltimore	2.47	.60	3.17	3.00	.85	------	8.65	8.00	4.36	4.00	23.22	21.60
Standard Phosphate	Baltimore	2.38	.60	2.98	3.00	.85	------	8.00	8.00	4.76	4.00	22.26	21.60
Standard Phosphate	Baltimore	2.27	.60	3.00	3.00	.90	------	8.40	8.00	4.36	4.00	22.35	21.60
10% Tob. Bed Special with 2% Pot.	Baltimore	8.52	.60	9.84	10.00	.45	------	4.95	4.00	2.24	2.00	45.18	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	9.72	.60	10.09	10.00	.40	------	4.90	4.00	2.32	2.00	46.20	44.80
10% Tob. Bed Special with 2% Pot.	Baltimore	8.43	.60	9.88	10.00	.55	------	4.45	4.00	2.24	2.00	44.95	44.80
Truck and Potato Special	Baltimore	3.47	.60	3.98	4.00	.95	------	8.95	8.00	7.00	7.00	28.82	28.00

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Sidney R. Solomon, Raspeburg, Md.													
Bone Meal	Raspeburg			**3.12**	3.00			***23.50**	*23.00			**$26.58**	$25.80
5-8-5	Raspeburg	**4.42**	3.65	**5.00**	5.00	**.45**		**9.05**	8.00	**5.32**	5.00	**31.57**	30.40
4-8-4	Raspeburg	**3.19**	2.42	**4.06**	4.00	**.65**		**8.75**	8.00	**4.20**	4.00	**26.70**	25.60
2-8-5	Raspeburg	**1.57**	.90	**2.17**	2.00	**1.05**		**8.35**	8.00	**5.32**	5.00	**19.78**	18.40
Stimuplant Laboratories, Inc., Long Island City, N. Y.													
Stim-U-plant	Baltimore	**13.03**		**13.34**	13.37	**.35**		**13.45**	12.00	**16.15**	15.00	**77.09**	75.08
Stumpp & Walter Company, Baltimore, Md.													
Emerald Grass Fertilizer	Baltimore	**3.15**	2.92	**3.58**	3.65	**.40**		**5.90**	5.00	**4.00**	3.00	**22.30**	21.00
Emerald Grass Fertilizer	Baltimore	**2.79**	2.92	**3.17**	3.65	**.25**		**5.05**	5.00	**3.24**	3.00	**19.35**	21.00
General Garden Fertilizer	Baltimore	**3.60**	2.60	**4.11**	4.00	**.05**		**8.55**	8.00	**3.36**	3.00	**25.98**	24.80
Nitrate of Soda	Baltimore			**19.26**	18.25								
Raw Bone Meal Fertilizer	Baltimore			**5.63**	4.50			***22.30**	*20.00			**35.90**	30.00
Sawco Shredded Cattle Manure	Baltimore			**2.77**	2.10			***1.60**	*1.00	**1.36**	1.00	**13.13**	9.80
Pulverized Sheep Manure	Baltimore			**2.56**	2.50			***1.80**	*1.50	**1.52**	1.50	**12.54**	12.10
Sawco Pulverized Sheep Manure	Baltimore			**4.37**	2.43			***2.20**	*1.00	**2.00**	2.00	**20.40**	11.92
Summers Fertilizer Co., Inc., Baltimore, Md.													
"Best on Earth" Superphosphate	College Park					**.80**		**17.20**	16.00			**13.88**	12.80
"Best on Earth" 4-8-4 Fertilizer	Baltimore	**3.19**	2.00	**4.56**	4.00	**1.10**		**8.90**	8.00	**4.36**	4.00	**29.02**	25.60
"Best on Earth" 4-8-4 Fertilizer	Sykesville	**3.15**	2.00	**4.00**	4.00	**.60**		**8.80**	8.00	**4.28**	4.00	**26.55**	25.60
"Best on Earth" Ground Raw Bone	Crownsville			**3.73**	4.00			***24.70**	*20.60			**29.74**	28.36
"Best on Earth" Ground Raw Bone	Owing Mills			**3.57**	4.00			***24.70**	*20.60			**29.10**	28.36
"Best on Earth" Kainit	Sykesville									**14.68**	12.40		
"Best on Earth" Kainit	Owing Mills									**15.52**	12.40		
"Best on Earth" Muriate of Potash	College Park									**47.80**	48.00		
"Best on Earth" Nitrate of Soda	College Park			**18.44**	18.50								
"Best on Earth" Nitrate of Soda	College Park			**18.44**	18.00								
"Best on Earth" Nitrate of Soda	Sykesville			**18.00**	18.00								

"Best on Earth" Muriate of Potash	College Park									47.80	48.00		
"Best on Earth" Nitrate of Soda	College Park			18.44	18.50								
"Best on Earth" Nitrate of Soda	College Park			18.44	18.00								
"Best on Earth" Nitrate of Soda	Sykesville			18.00	18.00								
"Best on Earth" Nitrate of Soda	Loch Raven			18.20	18.00								
"Best on Earth" Nitrate of Soda	Jessups			18.78	18.00								
"Best on Earth" Potato Special	Baltimore	6.05	3.50	6.87	7.00	.40		7.60	6.00	5.36	5.00	37.91	36.80
"Best on Earth" Potato Special	Loch Raven	6.30	3.50	7.03	7.00	.70		7.30	6.00	5.36	5.00	38.36	36.80
"Best on Earth" Potato Special	Owings Mills	6.16	3.50	6.98	7.00	.75		7.45	6.00	5.08	5.00	38.05	36.80
"Best on Earth" Potato Special	Jessups	6.42	3.50	7.05	7.00	1.10		7.10	6.00	5.20	5.00	38.21	36.80
"Best on Earth" 3-8-8 Fertilizer	Loch Raven	2.54	1.50	3.05	3.00	.50		9.60	8.00	8.36	8.00	26.65	24.80
"Best on Earth" 3-8-8 Fertilizer	Jessups	2.95	1.50	3.33	3.00	.50		9.00	8.00	9.28	8.00	28.02	24.80
"Best on Earth" 0-10-4 Fertilizer	Loch Raven					.80		12.10	10.00	4.62	4.00	13.50	11.20
"Best on Earth" Truckers Favorite	Loch Raven	3.75	2.50	4.98	5.00	.50		9.30	8.00	5.24	5.00	31.63	30.40
"Best on Earth" Truckers Favorite	Owings Mills	3.98	2.50	5.17	5.00	.60		8.60	8.00	5.96	5.00	32.42	30.40
"Best on Earth" Truckers Favorite	Jessups	3.67	2.50	4.90	5.00	.50		9.20	8.00	5.04	5.00	31.07	30.40
"Best on Earth" 2-12-4 Fertilizer	Sykesville	1.65	1.00	2.20	2.00	.80		13.20	12.00	4.20	4.00	22.84	20·80
"Best on Earth" 2-12-4 Fertilizer	Loch Raven	1.69	1.00	2.32	2.00	.70		13.40	12.00	4.36	4.00	23.60	20.80
"Best on Earth" 2-12-4 Fertilizer	Jessups	1.97	1.00	2.62	2.00	.80		12.50	12.00	4.36	4.00	24.09	20.80
"Best on Earth" Wheat Special	Owings Mills	1.41	1.00	2.19	2.00	.95		14.35	12.00	2.16	2.00	22.11	19.20
"Best on Earth" Wheat Special	Baltimore	2.04	1.00	2.96	2.00	.90		11.55	12.00	2.32	2.00	23.08	19.20
Swift & Company, Baltimore, Md.													
Super Phosphate	Baltimore					.55		20.45	20.00			16.44	16.00
Super Phosphate	Baltimore					.75		16.95	16.00			13.67	12.80
Super Phosphate	Baltimore					.75		16.00	16.00			12.91	12.80
Red Steer 5-8-5	Baltimore					.55		17.05	16.00			13.72	12.80
Red Steer 5-8-5	Baltimore	4.49	3.24	5.00	5.00	.60		8.60	8.00	5.20	5.00	31.13	30.40
Red Steer 5-8-5	Baltimore	4.36	3.24	4.91	5.00	.65		8.00	8.00	5.32	5.00	30.40	30.40
Red Steer 5-8-5	Baltimore	4.54	3.24	4.98	5.00	.30		8.00	8.00	5.28	5.00	30.59	30.40
Red Steer 4-8-4	Baltimore	4.27	3.24	4.88	5.00	.60		8.90	8.00	5.28	5.00	30.95	30.40
Red Steer 4-8-4	Baltimore	3.29	2.59	3.72	4.00	.95		8.45	8.00	4.60	4.00	25.46	25.60
Red Steer 4-8-4	Baltimore	3.67	2.59	4.01	4.00	.45		8.05	8.00	4.56	4.00	26.20	25.60
Red Steer 4-8-10	Baltimore	3.12	2.59	3.79	4.00	.95		8.35	8.00	4.20	4.00	25.34	25.60
Red Steer 1-9-4	Baltimore	3.69	2.00	4.15	4.00	.35		9.05	8.00	9.42	10.00	31.43	30.40
Kainit	Baltimore	.79	.60	1.11	1.00	.65		9.45	9.00	4.50	4.00	15.70	14.40
Kainit	Baltimore									15.75	12.40		
Muriate of Potash	Baltimore									13.20	12.40		
Nitrate of Soda	Baltimore									54.51	48.00		
Nitrate of Soda	Baltimore			18.58	18.00								
Red Steer 7-6-5	Baltimore			18.36	18.00								
Red Steer 7-6-5	Baltimore	6.32	4.54	7.17	7.00	.60		6.40	6.00	5.12	5.00	37.99	36.80
Red Steer 7-6-5	Baltimore	6.65	4.54	7.13	7.00	.20		6.10	6.00	5.00	5.00	37.43	36.80
Red Steer 7-6-5	Baltimore	6.01	4.54	6.61	7.00	.45		6.35	6.00	5.00	5.00	35.59	36.80
Red Steer 7-6-5	Baltimore	6.16	4.54	6.79	7.00	.55		6.85	6.00	5.00	5.00	36.72	36.80

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID Insoluble		PHOSPHORIC ACID Available		POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
Swift & Company, Baltimore, Md. (Continued)													
Red Steer 10-5-2	Baltimore	**8.18**	6.48	**8.90**	10.00	**.25**	------	**6.25**	5.00	**2.96**	2.00	**$43.01**	$45.60
Red Steer 3-8-5	Baltimore	**2.83**	1.95	**3.17**	3.00	**.65**	------	**8.25**	8.00	**5.42**	5.00	**23.72**	22.40
Red Steer 3-10-6	Baltimore	**2.51**	2.18	**3.00**	3.00	**.40**	------	**10.00**	10.00	**6.50**	6.00	**25.26**	24.80
Red Steer 3-10-6	Baltimore	**3.11**	2.18	**3.45**	3.00	**.40**	------	**10.00**	10.00	**6.30**	6.00	**26.90**	24.80
Red Steer 2-8-5	Baltimore	**1.60**	1.21	**2.08**	2.00	**.75**	------	**8.15**	8.00	**5.48**	5.00	**19.33**	18.40
Red Steer 2-8-5	Baltimore	**1.72**	1.21	**2.08**	2.00	**.40**	------	**8.70**	8.00	**5.38**	5.00	**19.64**	18.40
Red Steer 2-8-5	Baltimore	**1.54**	1.21	**2.05**	2.00	**.40**	------	**8.70**	8.00	**5.30**	5.00	**19.46**	18.40
Red Steer 2-8-10	Baltimore	**1.67**	1.21	**1.98**	2.00	**.45**	------	**8.15**	8.00	**10.40**	10.00	**22.83**	22.40
Red Steer 2-12-4	Baltimore	**1.79**	1.00	**2.17**	2.00	**.60**	------	**12.50**	12.00	**4.04**	4.00	**22.00**	20.80
Tankage	Baltimore	------	------	**9.39**	9.00	------	------	***14.40**	* 1.00	------	------	**46.20**	36.60
Synthetic Nitrogen Products Corp., New York, N. Y.													
Floranid	Baltimore	------	------	**56.76**	55.93	------	------	------	------	------	------	------	------
Talbot Fertilizer Company, Cordova, Md.													
Talbot Brand 0-12-5	Cordova	------	------	------	------	**.20**	------	**11.70**	12.00	**5.84**	5.00	**14.06**	13.60
Wm. B. Tilghman Company, Salisbury, Md.													
Early Truck Guano	Salisbury	**4.54**	3.29	**5.14**	5.00	**.60**	------	**8.60**	8.00	**5.36**	5.00	**31.82**	30.40
High Grade Potash Mixture	Salisbury	**1.46**	1.00	**2.18**	2.00	**.85**	------	**8.65**	8.00	**10.40**	10.00	**24.09**	22.40
Irish P Guano	Salisbury	**5.92**	4.75	**6.98**	7.00	**.55**	------	**7.15**	6.00	**5.60**	5.00	**38.20**	36.80
Irish P Guano	Salisbury	**6.36**	4.75	**7.01**	7.00	**.65**	------	**6.65**	6.00	**5.32**	5.00	**37.72**	36.80
Mixture "A"	Salisbury	**3.22**	2.25	**3.99**	4.00	**.70**	------	**8.70**	8.00	**10.32**	10.00	**31.29**	30.40
Mixture "B"	Salisbury	**3.16**	2.25	**4.18**	4.00	**.75**	------	**9.25**	8.00	**4.44**	4.00	**27.78**	25.60
Phosphate and Potash Mixture	Salisbury	------	------	------	------	**1.20**	------	**11.60**	12.00	**5.88**	5.00	**14.16**	13.60
"S P" Mixture	Salisbury	**2.60**	1.84	**3.28**	3.00	**.90**	------	**9.10**	8.00	**8.00**	8.00	**26.94**	24.80
"S P" Mixture	Salisbury	**2.29**	1.84	**3.11**	3.00	**.95**	------	**8.35**	8.00	**8.72**	8.00	**26.24**	24.80
Special Grain Fertilizer	Salisbury	**.84**	.50	**1.30**	1.00	**.95**	------	**10.35**	10.00	**5.76**	5.00	**18.23**	16.00
Special Grain Fertilizer	Salisbury	**1.48**	.50	**1.94**	1.00	**.85**	------	**9.95**	10.00	**5.96**	5.00	**20.62**	16.00
Standard	Salisbury	**1.57**	1.21	**2.13**	2.00	**1.00**	------	**8.60**	8.00	**6.02**	5.00	**20.37**	18.40

"S P" Mixture	Salisbury	2.29	1.84	3.11	3.00	.95	------	8.35	8.00	8.72	8.00	20.24	24.80
Special Grain Fertilizer	Salisbury	.84	.50	1.30	1.00	.95	------	10.35	10.00	5.76	5.00	18.23	16.00
Special Grain Fertilizer	Salisbury	1.48	.50	1.94	1.00	.85	------	9.95	10.00	5.96	5.00	20.62	16.00
Standard	Salisbury	1.57	1.21	2.13	2.00	1.00	------	8.60	8.00	6.02	5.00	20.37	18.40
Standard	Salisbury	1.41	1.21	2.01	2.00	1.20	------	8.70	8.00	5.40	5.00	19.50	18.40
Topdresser	Salisbury	5.62	5.75	6.01	6.00	.45	------	6.85	6.00	6.08	6.00	34.45	33.60
United States Guano Company, Baltimore, Md.													
Acid Phosphate	Whiteford	------	------	------	------	.65	------	18.05	18.00	------	------	14.54	14.40
Acid Phosphate	Baltimore	------	------	------	------	.90	------	19.00	20.00	------	------	15.34	16.00
Accomac Peninsula King	Baltimore	4.72	2.32	5.03	5.00	1.30	------	8.90	8.00	4.76	5.00	31.25	30.40
Stad. U. S. Gardners Friend	Friendsville	3.43	1.00	4.40	2.00	1.55	------	8.25	9.00	3.32	3.00	27.09	17.60
General Use Guano	Baltimore	1.57	1.00	2.00	2.00	.90	------	11.60	12.00	4.24	4.00	20.81	20.80
Ground Animal Tankage	Baltimore	------	------	7.77	9.00	------	------	*9.30	*9.15	------	------	36.66	41.49
Jumbo Potato Grower	Baltimore	6.39	3.49	7.17	7.00	1.55	------	6.35	6.00	5.08	5.00	38.05	36.80
Kainit	Baltimore	------	------	------	------	------	------	------	------	11.44	12.40	------	------
Nitrate of Soda	Baltimore	------	------	18.96	18.00	------	------	------	------	------	------	------	------
Stad. U. S. Phosphate and Pot. Mix	Friendsville	------	------	------	------	.75	------	10.25	10.00	4.00	4.00	11.51	11.20
Stad. U. S. Sulphate of Potash	Baltimore	------	------	------	------	------	------	------	------	48.89	48.00	------	------
Stad. U. S. Truckers Fish Guano	Baltimore	2.56	1.48	3.16	3.00	1.45	------	8.00	8.00	3.82	3.00	22.32	20.80
Stad. U. S. Truckers Fish Guano	Baltimore	2.18	1.48	2.90	3.00	1.30	------	9.20	8.00	4.12	3.00	22.46	20.80
Valliant Fertilizer Company, Laurel, Del.													
Arcadia	Princess Anne	4.39	3.50	5.19	5.00	.40	------	8.30	8.00	6.32	5.00	32.52	30.40
Big 4	Princess Anne	3.12	------	3.63	4.00	.70	------	8.60	8.00	5.36	4.00	25.80	25.60
Fam-us	Princess Anne	.70	.50	1.13	1.00	.50	------	13.60	9.00	5.68	4.00	20.02	14.40
Jewel	Princess Anne	6.19	4.75	6.91	7.00	.40	------	6.60	6.00	5.76	5.00	37.59	36.80
E. S. Valliant & Son, Centreville, Md.													
Acid Phosphate	Centreville	------	------	------	------	.15	------	18.45	16.00	------	------	14.78	12.80
Corn Mixture	Centreville	------	------	------	------	.30	------	8.00	7.00	9.84	7.00	14.32	11.20
Excelsior	Centreville	------	------	------	------	.10	------	11.40	10.00	8.16	8.00	15.67	14.40
Favorite	Centreville	.89	.75	1.18	1.00	.80	------	9.00	9.00	6.60	5.00	17.32	15.20
Fish Mixture	Centreville	1.64	1.00	2.15	2.00	1.00	------	9.10	9.00	6.36	6.00	21.12	20.00
Valliant's 5-8-5	Centreville	4.40	3.50	4.74	5.00	.30	------	9.10	8.00	5.20	5.00	30.45	30.40
Harvest	Centreville	------	------	------	------	.05	------	13.15	12.00	5.28	5.00	14.75	13.60
Ideal	Centreville	------	------	------	------	.90	------	13.10	12.00	6.08	6.00	15.48	14.40
Kainit	Centreville	------	------	------	------	------	------	------	------	13.81	12.40	------	------
Kainit	Centreville	------	------	------	------	------	------	------	------	15.44	12.40	------	------
Oriole	Centreville	------	------	.65	.50	.40	------	11.60	9.00	5.00	4.00	15.94	12.40
Standard	Centreville	.68	.75	1.02	1.00	.65	------	9.45	9.00	4.00	4.00	14.94	14.40
Truck Special	Centreville	3.15	3.00	3.46	4.00	.55	------	8.55	8.00	4.36	4.00	24.26	25.60

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
W. H. Valliant & Bro., Bellevue, Md.													
Acid Phosphate	Bellevue	-----	-----	-----	-----	**1.00**	-----	**17.00**	16.00	-----	-----	**$13.75**	$12.80
Acid Phosphate	Bellevue	-----	-----	-----	-----	**.25**	-----	**17.65**	16.00	-----	-----	**14.16**	12.80
Corn Special	Bellevue	**2.05**	-----	**3.02**	3.00	-----	-----	-----	-----	**6.00**	5.00	**16.88**	16.00
Fish Special	Bellevue	**.97**	-----	**2.01**	2.00	**1.80**	-----	**9.00**	8.00	**6.80**	6.00	**20.95**	19.20
Fish Special	Bellevue	**1.27**	-----	**2.05**	2.00	**1.60**	-----	**8.90**	8.00	**4.50**	6.00	**19.16**	19.20
Magic Brand Fish Guano	Bellevue	**4.87**	1.00	**6.83**	7.00	**2.20**	-----	**3.10**	4.00	**8.24**	7.00	**36.72**	36.80
Virginia-Carolina Chemical Corp., Baltimore, Md.													
American Acid Phosphate H. G	Baltimore	-----	-----	-----	-----	**1.45**	-----	**16.35**	16.00	-----	-----	**13.30**	12.80
American Acid Phosphate H. G	Baltimore	-----	-----	-----	-----	**1.40**	-----	**16.00**	16.00	-----	-----	**13.01**	12.80
American Acid Phosphate H. G	Baltimore	-----	-----	-----	-----	**.85**	-----	**18.05**	16.00	-----	-----	**14.57**	12.80
American Champion Grain Grower	Baltimore	**.88**	.49	**1.26**	1.00	**1.40**	-----	**10.00**	9.00	**4.32**	4.00	**16.71**	14.40
American Excelsior Guano	Baltimore	**1.57**	.78	**2.12**	2.00	**1.40**	-----	**8.50**	8.00	**5.21**	5.00	**19.66**	18.40
American Fish and Potash Compound	Baltimore	**1.33**	.78	**2.18**	2.00	**2.85**	-----	**8.95**	9.00	**3.28**	3.00	**18.93**	17.60
American Fish and Potash Compound.	Baltimore	**1.35**	.78	**2.05**	2.00	**3.10**	-----	**9.10**	9.00	**3.36**	3.00	**18.64**	17.60
American Fish and Potash Compound.	Baltimore	**1.58**	.78	**2.13**	2.00	**2.30**	-----	**9.50**	9.00	**3.27**	3.00	**19.09**	17.60
American Prize Guano	Baltimore	**1.40**	.78	**2.17**	2.00	**1.40**	-----	**8.40**	8.00	**10.44**	10.00	**23.96**	22.40
American Special Potash Mixture	Baltimore	-----	-----	-----	-----	**.85**	-----	**10.25**	10.00	**4.20**	4.00	**11.69**	11.20
American Truckers Special	Baltimore	**4.28**	2.97	**4.93**	5.00	**1.05**	-----	**9.45**	8.00	**5.08**	5.00	**31.50**	30.40
American Truckers Special	Baltimore	**4.54**	2.97	**5.05**	5.00	**1.15**	-----	**8.85**	8.00	**5.04**	5.00	**31.48**	30.40
American Truckers Special	Baltimore	**4.57**	2.97	**5.15**	5.00	**1.25**	-----	**8.75**	8.00	**5.08**	5.00	**31.85**	30.40
American Truckers Special	Baltimore	**4.54**	2.97	**5.05**	5.00	**1.45**	-----	**9.25**	8.00	**5.32**	5.00	**32.08**	30.40
American Truckers Special	Baltimore	**4.28**	2.97	**4.86**	5.00	**1.40**	-----	**10.10**	8.00	**5.00**	5.00	**31.73**	30.40
American 7-6-5 Fertilizer	Baltimore	**6.05**	4.20	**6.83**	7.00	**1.00**	-----	**7.00**	6.00	**5.24**	5.00	**37.26**	36.80
American Vegetable Special	Baltimore	**3.48**	2.00	**4.18**	4.00	**1.10**	-----	**8.40**	8.00	**4.40**	4.00	**27.13**	25.60
American Vegetable Special	Baltimore	**3.70**	2.00	**4.18**	4.00	**1.15**	-----	**8.45**	8.00	**4.20**	4.00	**27.01**	25.60
V-C Superphosphate	Baltimore	-----	-----	-----	-----	**1.55**	-----	**17.25**	16.00	-----	-----	**14.03**	12.80
V-C Fairway Fertilizer	Baltimore	**5.22**	5.29	**7.61**	8.00	**.30**	-----	**6.40**	6.00	**5.96**	5.00	**40.38**	40.80
V-C Fish, Bone and Potash	Baltimore	**1.44**	.78	**2.41**	2.00	**3.00**	-----	**9.10**	9.00	**3.36**	3.00	**20.06**	17.60
V-C Fish, Bone and Potash	Baltimore	**1.23**	.78	**2.00**	2.00	**3.30**	-----	**9.10**	9.00	**3.24**	3.00	**18.37**	17.60
V-C Fish, Bone and Potash	Baltimore	**1.55**	.78	**2.08**	2.00	**3.55**	-----	**9.00**	9.00	**3.32**	3.00	**18.71**	17.60
Genuine Imported Kainit	Baltimore												

V-C Fish, Bone and Potash	Baltimore	1.44	.78	2.41	2.00	3.00	------	9.10	9.00	3.36	3.00	20.06	17.60
V-C Fish, Bone and Potash	Baltimore	1.23	.78	2.00	2.00	3.30	------	9.10	9.00	3.24	3.00	18.37	17.60
V-C Fish, Bone and Potash	Baltimore	1.55	.78	2.08	2.00	3.55	------	9.00	9.00	3.32	3.00	18.71	17.60
Genuine Imported Kainit	Baltimore	------	------	------	------	------	------	------	------	14.10	12.40	------	------
Genuine Imported Kainit	Baltimore	------	------	------	------	------	------	------	------	14.86	12.40	------	------
Genuine Imported Kainit	Baltimore	------	------	------	------	------	------	------	------	14.16	12.40	------	------
Ground Tankage	Baltimore	------	------	10.48	9.00	------	------	*4.70	*9.00	------	------	44.74	41.40
V-C Indian Brand Fertilizer	Baltimore	1.84	.78	2.18	2.00	.65	------	8.35	8.00	10.36	10.00	23.79	22.40
V-C Indian Brand Fertilizer	Baltimore	1.78	.78	2.12	2.00	1.60	------	9.60	8.00	10.10	10.00	24.48	22.40
Muriate of Potash	Baltimore	------	------	------	------	------	------	------	------	51.99	48.00	------	------
Muriate of Potash	Baltimore	------	------	------	------	------	------	------	------	51.99	48.00	------	------
V-C Owl Brand Fertilizer	Baltimore	1.75	.78	2.19	2.00	1.65	------	12.15	12.00	4.28	4.00	22.15	20.80
Sulphate of Ammonia	Baltimore	------	------	25.20	25.00	------	------	------	------	------	------	------	------
Sulphate of Ammonia	Baltimore	------	------	25.16	25.00	------	------	------	------	------	------	------	------
V-C Sweet Potato Special	Baltimore	2.39	1.52	3.12	3.00	1.45	------	8.75	8.00	8.40	8.00	26.42	24.80
V-C Sweet Potato Special	Baltimore	2.70	1.52	3.17	3.00	1.35	------	8.05	8.00	8.24	8.00	25.92	24.80
V-C Virginia Trucker	Baltimore	4.55	2.97	4.98	5.00	.65	------	8.55	8.00	5.40	5.00	31.18	30.40
V-C Virginia Trucker	Baltimore	4.27	2.97	5.00	5.00	1.00	------	8.90	8.00	5.04	5.00	31.30	30.40
V-C Virginia Trucker	Baltimore	4.35	2.97	4.90	5.00	1.20	------	9.00	8.00	5.36	5.00	31.27	30.40
V-C 7% Truck Fertilizer	Baltimore	5.58	------	6.31	7.00	1.20	------	8.30	6.00	5.12	5.00	36.16	36.80
V-C Tobacco Bed Special	Baltimore	9.35	6.02	9.81	10.00	.50	------	5.60	5.00	------	------	43.80	44.00
V-C X X X X Fish and Potash	Baltimore	3.33	2.00	3.98	4.00	1.40	------	8.80	8.00	4.24	4.00	26.56	25.60
V-C X X X X Fish and Potash	Baltimore	3.58	2.00	4.18	4.00	1.50	------	8.70	8.00	4.36	4.00	27.40	25.60
V-C X X X X Fish and Potash	Baltimore	3.72	2.00	4.18	4.00	1.20	------	9.20	8.00	4.32	4.00	27.72	25.60
Westminster Fertilizer Company, Westminster, Md.													
Acid Phosphate	Westminster	------	------	------	------	.45	------	18.15	16.00	------	------	14.59	12.80
Leader	Westminster	.31	.49	.69	1.00	.25	------	10.45	9.00	4.88	4.00	15.06	14.40
Super-A	Westminster	.46	.49	.80	1.00	.35	------	11.05	10.00	3.10	2.00	14.57	13.60
2-8-5	Westminster	1.18	.75	1.64	2.00	.45	------	9.05	8.00	6.70	5.00	19.23	18.40
Worcester Fertilizer Company, Snow Hill, Md.													
Acid Phosphate	Snow Hill	------	------	------	------	.10	------	17.60	16.00	------	------	14.10	12.80
Correct Plant Food Mixture 5-8-5	Snow Hill	4.07	1.66	5.09	5.00	.40	------	8.50	8.00	5.72	5.00	31.80	30.40
Correct Plant Food Mixture 1-9-4	Snow Hill	.91	.33	1.42	1.00	.20	------	9.40	9.00	5.36	4.00	17.52	14.40
Correct Plant Food Mixture 7-6-5	Snow Hill	5.63	2.32	7.20	7.00	.40	------	6.70	6.00	5.36	5.00	38.51	36.80
Correct Plant Food Mixture 2-8-5	Snow Hill	1.58	.66	2.18	2.00	.20	------	8.40	8.00	5.36	5.00	19.76	18.40
Correct Plant Food Mixture 2-8-10	Snow Hill	1.32	.66	2.17	2.00	.20	------	8.10	8.00	11.28	10.00	24.21	22.40
Correct Plant Food Mixture 3-8-8	Snow Hill	2.25	1.00	3.17	3.00	.40	------	8.80	8.00	9.12	8.00	27.08	24.80

* Total Phosphoric Acid.

Name and Address of Manufacturer and Name of Fertilizer	Place of Sampling	H_2O SOL. AMMONIA		NITROGEN Calculated as AMMONIA		PHOSPHORIC ACID				POTASH K_2O.		Comparative Value per Ton Found	Comparative Value Per Ton Guaranteed
						Insoluble		Available					
		FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed		
R. B. Wyand, Chewsville, Md.													
Super Phosphate H. G	Chewsville	------	------	------	------	**1.00**	------	**16.50**	16.00	------	------	**$13.35**	$12.80
Super Phosphate H. G	Chewsville	------	------	------	------	**.25**	------	**18.25**	16.00	------	------	**14.64**	12.80
Golden Harvest	Chewsville	**1.51**	------	**2.06**	2.00	**.35**	------	**11.25**	10.00	**5.20**	5.00	**21.45**	20.00
Grain Mixture	Chewsville	**.66**	------	**1.14**	1.00	**.55**	------	**11.45**	9.00	**4.38**	4.00	**17.30**	14.40
Potato and Grain Mixture	Chewsville	**2.52**	------	**3.07**	3.00	**.55**	------	**9.35**	8.00	**8.88**	8.00	**26.94**	24.80
Perfection	Chewsville	**3.59**	------	**4.10**	4.00	**.70**	------	**9.30**	8.00	**8.22**	7.00	**30.53**	28.00
Phosphate and Potash Mixture	Chewsville	------	------	------	------	**.40**	------	**13.10**	12.00	**5.12**	5.00	**14.64**	13.60